From: Angela Carpenter
To: Craig J. Wilson
Date: 9/5/02 10:41AM
Subject: More Fact Sheets for Nutrients

Craig,

I realized this morning that I had not scanned our data for Basin Plan objective nitrate violations. Attached are seven additional files. Other nitrate problem waters are already listed.

Angela G. Carpenter
Water Resources Control Engineer
Central Coast Regional Water Quality Control Board

Phone: (805) 542-4624
Fax: (805) 788-3513
E-mail: acarpent@rb3.swrcb.ca.gov

CC: Brad Hagemann; Chris Rose; Doug Gouzie; Lisa McCann; Roger Briggs

Water Body	Salinas Reclamation Canal
Stressor/Media/Beneficial Use	Nutrients/Water/Drinking Water nitrate
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	High nitrate levels impair municipal BU
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan Water quality objectives in place for the protection of municipal drinking water
Water Body-specific Information	Samples taken from 2/1/99 to 2/10/00
Data used to assess water quality	34 samples with 13 exceedences
Spatial representation	2 sampling sites
Temporal Representation	Monthly sampling
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	

Water Body	Quail Creek
Stressor/Media/Beneficial Use	Nutrients/Water/Drinking Water
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	High nitrate levels impair municipal BU
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan Water quality objectives in place for the protection of municipal drinking water
Water Body-specific Information	Samples taken from 2/1/99 to 11/30/99
Data used to assess water quality	6 samples with 4 exceedences
Spatial representation	1sampling site
Temporal Representation	Monthly sampling
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	

Water Body	Alisal Creek
Stressor/Media/Beneficial Use	Nutrients/Water/Drinking Water
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	High nitrate levels impair municipal BU
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan Water quality objectives in place for the protection of municipal drinking water
Water Body-specific Information	Samples taken from 7/28/99 2/10/00
Data used to assess water quality	6 samples with 5 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
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	

Water Body	Bradley Canyon Creek
Stressor/Media/Beneficial Use	Nutrients/Water/Drinking Water
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	High nitrate levels impair municipal BU
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan Water quality objectives in place for the protection of municipal drinking water
Water Body-specific Information	Samples taken from 1/12/00 to 1/29/01
Data used to assess water quality	6 samples with 4 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
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	

Water Body	Bradley Channel
Stressor/Media/Beneficial Use	Nutrients/Water/Drinking Water
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	High nitrate levels impair municipal BU
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan Water quality objectives in place for the protection of municipal drinking water
Water Body-specific Information	Samples taken from 1/11/00 to 2/28/01
Data used to assess water quality	11 samples with 2 exceedences
Spatial representation	1 sampling sites
Temporal Representation	Monthly sampling
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	

Water Body	Oso Flaco Creek
Stressor/Media/Beneficial Use	Nutrients/Water/Drinking Water
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	High nitrate levels impair municipal BU
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan Water quality objectives in place for the protection of municipal drinking water
Water Body-specific Information	Samples taken from 1/12/00 to 1/31/01
Data used to assess water quality	23 samples with 23 exceedences
Spatial representation	2 sampling sites
Temporal Representation	Monthly sampling
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	

Water Body	Orcutt Soloman Creek
Stressor/Media/Beneficial Use	Nutrients/Water/Drinking Water
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	High nitrate levels impair municipal BU
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan Water quality objectives in place for the protection of municipal drinking water
Water Body-specific Information	Samples taken from 1/12/00 to 2/28/01
Data used to assess water quality	28 samples with 26 exceedences
Spatial representation	3 sampling sites
Temporal Representation	Monthly sampling
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	

From: Angela Carpenter
To: Craig J. Wilson
Date: 9/4/02 5:45PM
Subject: Fact Sheets for Region Three Inland Waters

Here's what is attached.

1. Fact sheets for fecal coliform, pH, boron, and metals. The one metals fact sheet is for Watsonville Slough to delist (24 total).

2. Fact sheets for oxygen impairment (36 total)

3. These are waters staff is recommending NOT be listed based on information contained on the fact sheet (17 total).

4. We improved some fact sheets. These improve the fact sheet contents but do not result in any listing changes.

Please add these to the fact sheet Doug sent you earlier for Santa Barbara and Santa Cruz beaches.

Please feel free to contact me if you have any questions or comments.

Angela G. Carpenter
Water Resources Control Engineer
Central Coast Regional Water Quality Control Board

Phone: (805) 542-4624
Fax: (805) 788-3513
E-mail: acarpent@rb3.swrcb.ca.gov

CC: Brad Hagemann; Doug Gouzie; Lisa McCann; Roger Briggs

Water Body	San Lorenzo Creek
Stressor/Media/Beneficial Use	Oxygen Saturation/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 2/2/99 to 2/10/2000 over 12 sampling dates
Data used to assess water quality	15 samples with 10 exceedences
Spatial representation	2 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Atascadero Creek
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 4/7/99 to 5/15/2000 over 18 sampling dates
Data used to assess water quality	Dissolved Oxygen; 21 samples with 18 exceedences Oxygen Saturation; 21 samples with 14 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Chorro Creek
Stressor/Media/Beneficial Use	Oxygen saturation/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used Morro Bay National Monitoring Program (MBNMP) QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 5/7/1996 to 5/4/1998 over 73 sampling dates
Data used to assess water quality	73 samples with 36 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Elkhorn Slough
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 3/1/1999 to 3/7/2000 over 14 sampling dates
Data used to assess water quality	Dissolved Oxygen; 17 samples with 4 exceedences Oxygen Saturation; 17 samples with 7 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Llagas Creek
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 12/18/1997 to 1/7/1999 over 30 sampling dates
Data used to assess water quality	Dissolved Oxygen; 90 samples with 18 exceedences Oxygen Saturation; 81 samples with 34 exceedences
Spatial representation	7 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Los Osos Creek
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used Morro Bay National Monitoring Program (MBNMP) QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 1/26/1994 to 5/10/1999 over 147 sampling dates
Data used to assess water quality	Dissolved Oxygen; 206 samples with 35exceedences Oxygen Saturation; 165 samples with 74 exceedences
Spatial representation	2 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Moro Cojo Slough
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 3/1/1999 to 3/7/2000 over 13 sampling dates
Data used to assess water quality	Dissolved Oxygen; 14 samples with 9 exceedences Oxygen Saturation; 13 samples with 10 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Moss Landing Harbor
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 3/1/1999 to 3/7/2000 over 14 sampling dates
Data used to assess water quality	Dissolved Oxygen; 15 samples with 5exceedences Oxygen Saturation; 14 samples with 8 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Nacimiento River
Stressor/Media/Beneficial Use	Oxygen saturation/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 2/2/1999 to 4/19/2000 over 17 sampling dates
Data used to assess water quality	21 samples with 5 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Nipomo Creek
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 6/29/2000 to 3/1/2001 over 18 sampling dates
Data used to assess water quality	Dissolved Oxygen; 34 samples with 4 exceedences Oxygen Saturation; 34 samples with 14 exceedences
Spatial representation	2 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Old Salinas River
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 3/1/1999 to 3/7/2000 over 14 sampling dates
Data used to assess water quality	Dissolved Oxygen; 28 samples with 11 exceedences Oxygen Saturation; 27 samples with 16 exceedences
Spatial representation	2 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Orcutt Solomon River
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 1/12/2000 to 2/28/2001 over 18 sampling dates
Data used to assess water quality	Dissolved Oxygen; 60 samples with 2 exceedences Oxygen Saturation; 60 samples with 13 exceedences
Spatial representation	4 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Oso Flaco Creek
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 1/12/2000 to 3/1/2001 over 19 sampling dates
Data used to assess water quality	Dissolved Oxygen; 71 samples with 9 exceedences Oxygen Saturation; 71 samples with 20 exceedences
Spatial representation	4 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Oso Flaco Lake
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 9/7/2000 to 9/8/2000 over 2 sampling dates
Data used to assess water quality	Dissolved Oxygen; 12 samples with 3 exceedences Oxygen Saturation; 12 samples with 8 exceedences
Spatial representation	6 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Salinas Reclamation Canal
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 2/1/1999 to 2/10/2000over 27 sampling dates
Data used to assess water quality	Dissolved Oxygen; 39 samples with 18 exceedences Oxygen Saturation;39 samples with 27 exceedences
Spatial representation	3 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Salinas River (lower)
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 2/1/1999 to 5/15/2000 over 29 sampling dates
Data used to assess water quality	Dissolved Oxygen; 64 samples with 3 exceedences Oxygen Saturation; 63 samples with 14 exceedences
Spatial representation	4 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Salinas River (mid)
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 2/2/1999 to 4/24/2000 over 27 sampling dates
Data used to assess water quality	Dissolved Oxygen; 51 samples with 5 exceedences Oxygen Saturation; 51 samples with 8 exceedences
Spatial representation	3 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Salinas River (upper)
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 2/2//99 to 5/15/2000 over 16 sampling dates
Data used to assess water quality	Dissolved Oxygen; 29 samples with 3 exceedences Oxygen Saturation; 29 samples with 16 exceedences
Spatial representation	3 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	San Bernardo River
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used Morro Bay National Monitoring Program (MBNMP) QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 6/8/1993 to 5/4/1998 over 190 sampling dates
Data used to assess water quality	Dissolved Oxygen;307 samples with 12 exceedences Oxygen Saturation;281 samples with 94 exceedences
Spatial representation	2 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	San Luisito Creek
Stressor/Media/Beneficial Use	Oxygen saturation/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used Morro Bay National Monitoring Program (MBNMP) QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 6/8/1993 to 5/4/1998 over 180 sampling dates
Data used to assess water quality	180 samples with 42exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Santa Maria River
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 1/12/2000 to 2/28/2001 over 15 sampling dates
Data used to assess water quality	Dissolved Oxygen; 39 samples with 2 exceedences Oxygen Saturation; 39 samples with 5 exceedences
Spatial representation	3 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Sisquoc River
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 1/12/2000 to 2/28/2001 over 16 sampling dates
Data used to assess water quality	Dissolved Oxygen; 28 samples with 12 exceedences Oxygen Saturation; 28 samples with 3 exceedences
Spatial representation	2 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Soda Lake
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 1/11/2000 to 5/1/2000 over 6 sampling dates
Data used to assess water quality	Dissolved Oxygen; 7 samples with 5 exceedences Oxygen Saturation; 7 samples with 4 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Tesquita Slough
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 12/18/1997 to 12/16/1998 over 15 sampling dates
Data used to assess water quality	Dissolved Oxygen; 19 samples with 6 exceedences Oxygen Saturation; 19 samples with 11 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Tembladero Slough
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 3/1/1999 to 2/7/2000 over 12 sampling dates
Data used to assess water quality	Dissolved Oxygen; 11 samples with 3 exceedences Oxygen Saturation; 12 samples with 5 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Walters Creek
Stressor/Media/Beneficial Use	Oxygen saturation/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used Morro Bay National Monitoring Program (MBNMP) QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 6/8/1993 to 5/4/1998 over 102 sampling dates
Data used to assess water quality	102 samples with 30 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Warden Creek
Stressor/Media/Beneficial Use	Oxygen saturation/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used Morro Bay National Monitoring Program (MBNMP) QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 12/14/1993 to 5/18/1998 over 168 sampling dates
Data used to assess water quality	307 samples with 122 exceedences
Spatial representation	2 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Alisal Creek
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 7/28/1999 to 2/10/2000 over 6 sampling dates
Data used to assess water quality	Dissolved Oxygen; 6 samples with 1 exceedences Oxygen Saturation; 6 samples with 4 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Alamo Creek
Stressor/Media/Beneficial Use	Oxygen saturation/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 2/01/2000 to 3/1/2001 over 18 sampling dates
Data used to assess water quality	18 samples with 3 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Bradley Channel
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 1/11/2000 to 2/28/2001 over 17 sampling dates
Data used to assess water quality	Dissolved Oxygen; 18 samples with 4 exceedences Oxygen Saturation; 18 samples with 6 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Bradley Canyon Creek
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 1/12/2000 to 1/29/2001 over 19 sampling dates
Data used to assess water quality	Dissolved Oxygen; 30 samples with 5 exceedences Oxygen Saturation; 30 samples with 8 exceedences
Spatial representation	3 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Cholame Creek
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 2/2/99 to 2/8/2000 over 10sampling dates
Data used to assess water quality	Dissolved Oxygen; 13 samples with 6 exceedences Oxygen Saturation; 13 samples with 9 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Chumash Creek
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used Morro Bay National Monitoring Program (MBNMP) QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 6/8/1993 to 5/10/1999 over 62 sampling dates
Data used to assess water quality	Dissolved Oxygen;201 samples with 28 exceedences Oxygen Saturation;166 samples with 62 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Corralitos Creek
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 8/18/1997 to 12/16/1998 over 15 sampling dates
Data used to assess water quality	Dissolved Oxygen; 16 samples with 4 exceedences Oxygen Saturation; 15 samples with 6 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Cuyama River
Stressor/Media/Beneficial Use	Oxygen saturation/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 1/11/2000 to 3/1/2001 over 22 sampling dates
Data used to assess water quality	65 samples with 8 exceedences
Spatial representation	4 sampling stations
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Dairy Creek
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used Morro Bay National Monitoring Program (MBNMP) QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 6/8/1993 to 5/10/1999 over 291 sampling dates
Data used to assess water quality	Dissolved Oxygen; 516 samples with 260 exceedences Oxygen Saturation; 464 samples with 87 exceedences
Spatial representation	3 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Arroyo Seco River
Stressor/Media/Beneficial Use	Fecal Coliform
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Fecal coliform is linked to Basin Plan Rec-1 BU
Utility of measure for judging if standards or uses are not attained	BP WQO exceedences
Water Body-specific Information	Samples taken from 2/99-4/00; 10 sampling dates (some sampling dates have multiple samples)
Data used to assess water quality	18 samples, 3 exceeding WQO
Spatial representation	2 stations
Temporal Representation	Monthly sampling events
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	

Water Body	La Brea Creek
Stressor/Media/Beneficial Use	Fecal Coliform
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Fecal coliform is linked to Basin Plan Rec-1 BU
Utility of measure for judging if standards or uses are not attained	BP WQO exceedences
Water Body-specific Information	Samples taken from 1/00 to 2/01
Data used to assess water quality	14 samples, 3 exceeding WQO
Spatial representation	1 station
Temporal Representation	Monthly sampling events
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	

Water Body	Moro Cojo Slough
Stressor/Media/Beneficial Use	Fecal Coliform
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Fecal coliform is linked to Basin Plan Rec-1 BU
Utility of measure for judging if standards or uses are not attained	BP WQO exceedences
Water Body-specific Information	Samples taken from 4/99 to 2/00
Data used to assess water quality	7 samples, 1 exceeding WQO
Spatial representation	1 station
Temporal Representation	Monthly sampling events
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	

Water Body	Orcutt Solomon Creek
Stressor/Media/Beneficial Use	Boron
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Boron is linked to Basin Plan Ag BU
Utility of measure for judging if standards or uses are not attained	BP WQO exceedences
Water Body-specific Information	Samples taken from 4/00 to 12/00
Data used to assess water quality	16 samples, 4 exceeding WQO
Spatial representation	3 stations
Temporal Representation	Monthly sampling events
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown; May be natural condition
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Pacheco Creek
Stressor/Media/Beneficial Use	Fecal Coliform
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Fecal coliform is linked to Basin Plan Rec-1 BU
Utility of measure for judging if standards or uses are not attained	BP WQO exceedences
Water Body-specific Information	Samples taken from 12/97 to 12/98
Data used to assess water quality	13 samples, 3 exceeding WQO
Spatial representation	1 station
Temporal Representation	Monthly sampling events
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	

Water Body	Quail Creek
Stressor/Media/Beneficial Use	Boron
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Boron is linked to Basin Plan Ag BU
Utility of measure for judging if standards or uses are not attained	BP WQO exceedences
Water Body-specific Information	Samples taken from 7/99 to 11/99
Data used to assess water quality	7 samples, 1 exceeding WQO
Spatial representation	1 station
Temporal Representation	Monthly sampling events
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown; May be natural condition
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Salinas River (Mid)
Stressor/Media/Beneficial Use	Fecal Coliform
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Fecal coliform is linked to Basin Plan Rec-1 BU
Utility of measure for judging if standards or uses are not attained	BP WQO exceedences
Water Body-specific Information	Samples taken from 2/99 to 4/00; 15 sampling dates
Data used to assess water quality	15 samples, 2 exceeding WQO
Spatial representation	1 station
Temporal Representation	Monthly sampling events
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	

Water Body	San Antonio River
Stressor/Media/Beneficial Use	Fecal Coliform
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Fecal coliform is linked to Basin Plan Rec-1 BU
Utility of measure for judging if standards or uses are not attained	BP WQO exceedences
Water Body-specific Information	Samples taken from 2/99 to 5/00; 16 sampling dates
Data used to assess water quality	16 samples, 4 exceeding WQO
Spatial representation	1 stations
Temporal Representation	Monthly sampling events
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	

Water Body	Uvas Creek
Stressor/Media/Beneficial Use	Fecal Coliform
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Fecal coliform is linked to Basin Plan Rec-1 BU
Utility of measure for judging if standards or uses are not attained	BP WQO exceedences
Water Body-specific Information	Samples taken from 12/97 to 12/98;
Data used to assess water quality	7 samples, 2 exceeding WQO
Spatial representation	4 stations
Temporal Representation	Monthly sampling events
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	

Water Body	Cuyama River
Stressor/Media/Beneficial Use	Boron
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Boron is linked to Basin Plan Rec-1 BU
Utility of measure for judging if standards or uses are not attained	BP WQO exceedences
Water Body-specific Information	Samples taken from 4/00 to 12/00; 5 sampling dates
Data used to assess water quality	16 samples, 2 exceeding WQO
Spatial representation	4 stations
Temporal Representation	Monthly sampling events
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown; May be natural condition
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Salinas River near Chualar
Stressor/Media/Beneficial Use	Sulfate/water/site specific objective
Data quality assessment. Extent to which data quality requirements met.	USGS
Linkage between measurement endpoint and beneficial use or standard	Water column data directly comparable to numeric objectives
Utility of measure for judging if standards or uses are not attained	Numeric data directly comparable to objective
Water Body-specific Information	Represents only one location on Salinas River; Data age = 1997-2001
Data used to assess water quality	Water column sulfate, 3 of 16 samples exceeded objective
Spatial representation	One segment of river near Chualar, Ca.
Temporal Representation	16 samples collected over 5 years
Data Type	Numeric
Use of standard method	Yes (USGS)
Potential Source(s) of Pollutant	Unknown; May be natural condition
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Pacheo Creek
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 12/18/1997 to 12/16/1998 over 15 sampling dates
Data used to assess water quality	Dissolved Oxygen; 16 samples with 3 exceedences Oxygen Saturation; 15 samples with 2 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	San Benito River
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 12/18/1997 to 12/16/1998 over 15 sampling dates
Data used to assess water quality	Dissolved Oxygen; 15 samples with 1 exceedences Oxygen Saturation; 14 samples with 2 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Arroyo Seco River
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 2/1/99 to 4/24/2000 over 17 sampling dates
Data used to assess water quality	Dissolved Oxygen; 20 samples with 3 exceedences Oxygen Saturation; 20 samples with 3 exceedences
Spatial representation	2 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Blosser Channel
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 5/3/2000 to 2/28/2001 over 12 sampling dates
Data used to assess water quality	Dissolved Oxygen; 13 samples with 2 exceedences Oxygen Saturation; 13 samples with 4 exceedences
Spatial representation	2 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	LaBrea Creek
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 1/12/2000 to 2/28/2001 over 18 sampling dates
Data used to assess water quality	Dissolved Oxygen; 19 samples with 3 exceedences Oxygen Saturation; 19 samples with 4 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

Water Body	Quail Creek
Stressor/Media/Beneficial Use	Oxygen saturation and dissolved oxygen/water/general BUs and aquatic life BU
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	Low oxygen levels can impair general and aquatic BUs
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan water quality objectives in place for the protection of aquatic life
Water Body-specific Information	Samples taken from 2/1/1999 to 2/10/2000 over 8 sampling dates
Data used to assess water quality	Dissolved Oxygen; 11 samples with 1 exceedences Oxygen Saturation; 11 samples with 2 exceedences
Spatial representation	2 sampling sites
Temporal Representation	Monthly sampling
Data Type	Numerical data
Use of standard method	Yes, see data quality section above
Potential Source(s) of Pollutant	Unknown, low oxygen saturation and/or low dissolved oxygen can be a natural phenomenon, e.g. induced by low-flow during dry seasons, or anthropogenically induced; e.g. removal of riparian vegetation and/or nutrient loading. Determination will require further analysis.
Alternative Enforceable Program	Unknown
RWQCB Recommendation	
SWRCB Staff Recommendation	

This fact sheet replaces the fact sheet on page 3-18

Water Body	Monterey Bay at Aquarium
Stressor/Media/Beneficial Use	Dissolved Oxygen, temperature,total coliform, fecal coliform, enterococcus, total ammonia, nitrite, nitrate, phosphate, pH/water/all ocean-bay uses
Data quality assessment. Extent to which data quality requirements met.	Monterey Bay Aquarium QA Procedures
Linkage between measurement endpoint and beneficial use or standard	Measurements related to all Ocean BUs
Utility of measure for judging if standards or uses are not attained	Ocean Plan Objectives
Water Body-specific Information	1-5 years
Data used to assess water quality	Number of samples unknown; Question about quality of D.O. measurements after passing through pump and sump house
Spatial representation	Only represents one point at 50 foot depth in all of Monterey Bay
Temporal Representation	D.O. data only covered one year; Only one summer season (June-Aug 2000) of poor D.O. results; Other stressors sampled for five years
Data Type	Numerical Data; D.O. data judged to be insufficient for this listing cycle due to questions at temporal, spatial, and D.O. data quality
Use of standard method	Unknown
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	Do not list (not enough data for possible impaired condition)
SWRCB Staff Recommendation	

None

Replaces fact sheet on page 3-19

Water Body	Pacific Ocean (various sites)
Stressor/Media/Beneficial Use	Total coliform, E. coli, Enterococcus, nitrate, phosphate, sulfate, turbidity, dissolved oxygen, temperature, conductivity, pH/water/all ocean-bay uses
Data quality assessment. Extent to which data quality requirements met.	Santa Barbara Channel Keeper
Linkage between measurement endpoint and beneficial use or standard	Measurements related to REC1 BU
Utility of measure for judging if	Unknown

standards or uses are not attained	
Water Body-specific Information	Unknown
Data used to assess water quality	Insufficient data. Less than 5 samples. Data supplemented by SB County Public Health Dept beach data.
Spatial representation	Unknown
Temporal Representation	Unknown
Data Type	Unknown
Use of standard method	No QA
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	Do not list (Evidence does not support listing)
SWRCB Staff Recommendation	Exclude from List

Replaces fact sheet on page 3-20

Water Body	Santa Barbara Channel/various sites
Stressor/Media/Beneficial Use	Total coliform, E.coli, Enterococcus, nitrite, phosphate, sulfate, turbidity, dissolved oxygen, temperature, conductivity, and pH/water
Data quality assessment. Extent to which data quality requirements met.	Santa Barbara County Creek Watchers (no QA Procedures)
Linkage between measurement endpoint and beneficial use or standard	Linked to Aquatic Life, REC 1, and Drinking Water
Utility of measure for judging if standards or uses are not attained	Insufficient data. Only 4 samples. In addition, QA procedures were not used.
Water Body-specific Information	Data collected from 2001-2002
Data used to assess water quality	Unknown
Spatial representation	Unknown
Temporal Representation	Unknown
Data Type	Numerical
Use of standard method	No QA
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	Do not list (No QA)
SWRCB Staff Recommendation	Exclude from list

Replaces fact sheet on page 3-21

Water Body	Selected sites in Monterey Bay
Stressor/Media/Beneficial Use	Nickel, chromium, arsenic/sediment/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	1998 Master Thesis by Anuraag Gill

Linkage between measurement endpoint and beneficial use or standard	Linked to Aquatic Life
Utility of measure for judging if standards or uses are not attained	Unknown
Water Body-specific Information	Unknown
Data used to assess water quality	Didn't use BPTCP protocol (used TEL not PEL). Therefore insufficient data quality to list
Spatial representation	Unknown
Temporal Representation	Unknown
Data Type	Numerical data
Use of standard method	Unknown
Potential Source(s) of Pollutant	Natural geologic sources
Alternative Enforceable Program	Unknown
RWQCB Recommendation	Do not list
SWRCB Staff Recommendation	Exclude from list

Replaces fact sheet on page 3-22

Water Body	Upper Salinas River/tributaries
Stressor/Media/Beneficial Use	Temperature, nutrients, turbidity, dissolved oxygen, sediment/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	Las Tables Resource Conservation District (no QA/QC program provided)
Linkage between measurement endpoint and beneficial use or standard	Linked to Aquatic Life
Utility of measure for judging if standards or uses are not attained	Linked to Aquatic Life
Water Body-specific Information	Unknown
Data used to assess water quality	Data indicates dissolved oxygen impairment at Atascadero Creek and upper Salinas river. However, no QA/QC provided. Regional Board CCAMP monitoring supplements this data.
Spatial representation	Twenty stations. 19 stations have less than 6 samples. One station has 6 samples. Only one station has 10 samples
Temporal Representation	"Monthly" samples
Data Type	Numerical Data
Use of standard method	Unknown
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	Unknown
RWQCB Recommendation	Do not list (no QA)
SWRCB Staff Recommendation	

Changes fact sheet on page 3-23 (See Salinas River near Chular fact sheet for change)

Water Body	Santa Ynez watershed, San Antonio watershed, Santa Maria Watershed, and San Benito Watershed
Stressor/Media/Beneficial Use	No additional impairments
Data quality assessment. Extent to which data quality requirements met.	USGS
Linkage between measurement endpoint and beneficial use or standard	NA
Utility of measure for judging if standards or uses are not attained	Basin Plan narrative turbidity objective and numeric objectives
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal Representation	NA
Data Type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	NA
Alternative Enforceable Program	NA
RWQCB Recommendation	Do not list (no additional impairments)
SWRCB Staff Recommendation	Exclude from list

From: Angela Carpenter
To: Craig J. Wilson
Date: 9/4/02 5:45PM
Subject: Fact Sheets for Region Three Inland Waters

Here's what is attached.

1. Fact sheets for fecal coliform, pH, boron, and metals. The one metals fact sheet is for Watsonville Slough to delist (24 total).

2. Fact sheets for oxygen impairment (36 total)

3. These are waters staff is recommending NOT be listed based on information contained on the fact sheet (17 total).

4. We improved some fact sheets. These improve the fact sheet contents but do not result in any listing changes.

Please add these to the fact sheet Doug sent you earlier for Santa Barbara and Santa Cruz beaches.

Please feel free to contact me if you have any questions or comments.

Angela G. Carpenter
Water Resources Control Engineer
Central Coast Regional Water Quality Control Board

Phone: (805) 542-4624
Fax: (805) 788-3513
E-mail: acarpent@rb3.swrcb.ca.gov

CC: Brad Hagemann; Doug Gouzie; Lisa McCann; Roger Briggs

From: Angela Carpenter
To: Craig J. Wilson
Date: 9/5/02 10:41AM
Subject: More Fact Sheets for Nutrients

Craig,

I realized this morning that I had not scanned our data for Basin Plan objective nitrate violations. Attached are seven additional files. Other nitrate problem waters are already listed.

Angela G. Carpenter
Water Resources Control Engineer
Central Coast Regional Water Quality Control Board

Phone: (805) 542-4624
Fax: (805) 788-3513
E-mail: acarpent@rb3.swrcb.ca.gov

CC: Brad Hagemann; Chris Rose; Doug Gouzie; Lisa McCann; Roger Briggs

Water Body	Salinas Reclamation Canal
Stressor/Media/Beneficial Use	Nutrients/Water/Drinking Water
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	High nitrate levels impair municipal BU
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan Water quality objectives in place for the protection of municipal drinking water
Water Body-specific Information	Samples taken from 2/1/99 to 2/10/00
Data used to assess water quality	34 samples with 13 exceedences
Spatial representation	2 sampling sites
Temporal Representation	Monthly sampling
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	

Water Body	Quail Creek
Stressor/Media/Beneficial Use	Nutrients/Water/Drinking Water
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	High nitrate levels impair municipal BU
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan Water quality objectives in place for the protection of municipal drinking water
Water Body-specific Information	Samples taken from 2/1/99 to 11/30/99
Data used to assess water quality	6 samples with 4 exceedences
Spatial representation	1sampling site
Temporal Representation	Monthly sampling
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	

Water Body	Alisal Creek
Stressor/Media/Beneficial Use	Nutrients/Water/Drinking Water
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	High nitrate levels impair municipal BU
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan Water quality objectives in place for the protection of municipal drinking water
Water Body-specific Information	Samples taken from 7/28/99 2/10/00
Data used to assess water quality	6 samples with 5 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
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	

Water Body	Bradley Canyon Creek
Stressor/Media/Beneficial Use	Nutrients/Water/Drinking Water
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	High nitrate levels impair municipal BU
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan Water quality objectives in place for the protection of municipal drinking water
Water Body-specific Information	Samples taken from 1/12/00 to 1/29/01
Data used to assess water quality	6 samples with 4 exceedences
Spatial representation	1 sampling site
Temporal Representation	Monthly sampling
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	

Water Body	Bradley Channel
Stressor/Media/Beneficial Use	Nutrients/Water/Drinking Water
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	High nitrate levels impair municipal BU
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan Water quality objectives in place for the protection of municipal drinking water
Water Body-specific Information	Samples taken from 1/11/00 to 2/28/01
Data used to assess water quality	11 samples with 2 exceedences
Spatial representation	1 sampling sites
Temporal Representation	Monthly sampling
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	

Water Body	Oso Flaco Creek
Stressor/Media/Beneficial Use	Nutrients/Water/Drinking Water
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	High nitrate levels impair municipal BU
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan Water quality objectives in place for the protection of municipal drinking water
Water Body-specific Information	Samples taken from 1/12/00 to 1/31/01
Data used to assess water quality	23 samples with 23 exceedences
Spatial representation	2 sampling sites
Temporal Representation	Monthly sampling
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	

Water Body	Orcutt Soloman Creek
Stressor/Media/Beneficial Use	Nutrients/Water/Drinking Water
Data quality assessment. Extent to which data quality requirements met.	Used CCAMP QA/QC methodology
Linkage between measurement endpoint and beneficial use or standard	High nitrate levels impair municipal BU
Utility of measure for judging if standards or uses are not attained	Exceedences of Basin Plan Water quality objectives in place for the protection of municipal drinking water
Water Body-specific Information	Samples taken from 1/12/00 to 2/28/01
Data used to assess water quality	28 samples with 26 exceedences
Spatial representation	3 sampling sites
Temporal Representation	Monthly sampling
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	