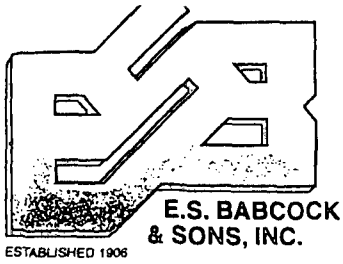


6. Boulder Creek:

- Beneficial Uses: MUN, GWR, REC1, REC2, COLD, WILD, SPWN
- Hydrologic Unit: 801.71
- Total Water Body Size: 2 miles
- Size Impaired: Unknown at this time
- Extent of Impairment: Unknown at this time
- Data Analyses:
 - Big Bear Municipal Water District Data:*
 - 4/4 exceeded the Basin Plan TIN objective (for Big Bear Lake) of 0.15 mg/l
 - 0/4 exceeded the Basin Plan Objective total phosphorus (for Big Bear Lake) of 0.15 mg/L
 - 4/4 exceeded the Basin Plan TIN Objective (for Big Bear Lake) of 0.15 mg/L
- Potential Sources: Unknown at this time
- Recommendation: add to 303(d) list for nitrogen; TMDL for Big Bear Lake and tributaries underway
- TMDL Priority: high
- TMDL Start Date: 2002
- TMDL End Date: 2005



370

Client:

Big Bear Municipal Water Dist.
Gene Martin
P.O. Box 2863

Big Bear Lake, Ca 92315

Client I.D.: BOULDER CREEK
Site: BIG BEAR, CA.
Description:

Matrix: water

Page: 1 of 1
Lab No.: L67695-002

Date Reported: 04/14/00

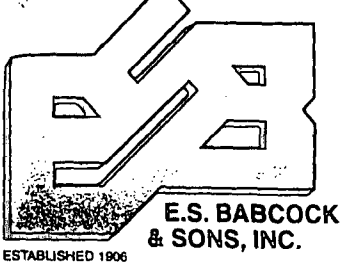
Collected By: MS
Date: 04/03/00
Time: 0905
Submitted By: MS
Date: 04/04/00
Time: 1423

<u>Constituent</u>	<u>Result</u>		<u>Method</u>	<u>RL</u>	<u>Date / Analyst</u>
Nitrate-Nitrogen	ND	mg/L	EPA 300.0	0.2	000404/KOS
Total Phosphorus	ND	mg/L	SM 4500-PB4E	0.05	000410/RK
Nitrite-Nitrogen	ND	mg/L	SM 4500-NO2B	0.1	000404/TF
Kjeldahl Nitrogen	0.3	mg/L	EPA 351.2	0.1	000412/BW
Total Nitrogen	0.3	mg/L	Calculation	0.2	000412/BW

ND = None detected at RL (Reporting Limit). RL units same as result.

cc:

E. S. Babcock & Sons Inc.



Laboratory Results

370

Client:

Big Bear Municipal Water Dist.
Gene Martin
P.O. Box 2863

Big Bear Lake, CA 92315

Client I.D.: BOULDER CREEK
Site: BIG BEAR, CA.
Description:

Matrix: water

Page: 1 of 1
Lab No.: L71650-003

Date Reported: 07/19/00

Collected By: MS
Date: 07/10/00
Time: 0848
Submitted By: Client
Date: 07/11/00
Time: 1111

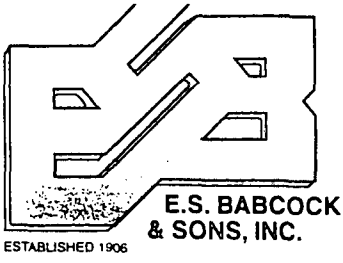
<u>Constituent</u>	<u>Result</u>		<u>Method</u>	<u>RL</u>	<u>Date / Analyst</u>
Nitrate-Nitrogen	ND	mg/L	EPA 300.0	0.05	000711/KOS
Total Phosphorus	ND	mg/L	SM 4500-PB4E	0.05	000717/JB
Nitrite-Nitrogen	ND	mg/L	SM 4500-NO2B	0.01	000711/AEC
Kjeldahl Nitrogen	0.22	mg/L	EPA 351.2	0.05	000718/BW
Total Nitrogen	0.22	mg/L	Calculation	0.05	000718/BW

ND = None detected at RL (Reporting Limit). RL units same as result.

cc:



ESB Project Reviewer



Laboratory Results

370

Client:

Big Bear Municipal Water Dist.
Gene Martin
P.O. Box 2863

Big Bear Lake, CA 92315

Client I.D.: BOULDER CREEK
Site: BIG BEAR, CA.
Description:

Matrix: water

Page: 1 of 1
Lab No.: L70116-004

Date Reported: 06/28/00

Collected By: MS
Date: 06/05/00
Time: 0920
Submitted By: Client
Date: 06/05/00
Time: 1224

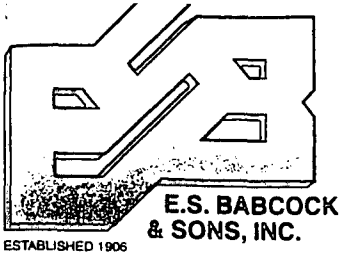
<u>Constituent</u>	<u>Result</u>		<u>Method</u>	<u>RL</u>	<u>Date / Analyst</u>
Ammonia-Nitrogen	ND	mg/L	SM4500-NH3 H	0.05	000609/KS
Nitrate-Nitrogen	ND	mg/L	EPA 300.0	0.05	000605/KOS
Total Phosphorus	ND	mg/L	SM 4500-PB4E	0.05	000614/JB
Nitrite-Nitrogen	ND	mg/L	SM 4500-NO2B	0.05	000605/TF
Kjeldahl Nitrogen	0.31	mg/L	EPA 351.2	0.05	000613/BW
Inorganic Nitrogen	ND	mg/L	Calculation	0.05	000609/KS
Total Nitrogen	0.32	mg/L	Calculation	0.05	000613/BW

ND = None detected at RL (Reporting Limit). RL units same as result.

NO2N was analyzed by Ion Chromatography and 0.01 RL for NO2N was not achieved.

cc:

ESB Project Reviewer



Laboratory Results

370

Client:

Big Bear Municipal Water Dist.
Gene Martin
P.O. Box 2863

Big Bear Lake, Ca 92315

Client I.D.: BOULDER CREEK
Site: BIG BEAR, CA.
Description:

Matrix: water

Page: 1 of 1
Lab No.: L69143-004

Date Reported: 05/25/00

Collected By: MS
Date: 05/08/00
Time: 1218
Submitted By: GM
Date: 05/09/00
Time: 1321

<u>Constituent</u>	<u>Result</u>	<u>Method</u>	<u>RL</u>	<u>Date / Analyst</u>
Ammonia-Nitrogen	ND mg/L	SM4500-NH3 H	0.05	000517/KS
Nitrate-Nitrogen	ND mg/L	EPA 300.0	0.05	000509/KOS
Total Phosphorus	ND mg/L	SM 4500-PB4E	0.05	000509/RK
Nitrite-Nitrogen	ND mg/L	SM 4500-NO2B	0.01	000509/TF
Kjeldahl Nitrogen	0.4 mg/L	EPA 351.2	0.1	000522/BW
Inorganic Nitrogen	ND mg/L	Calculation	0.05	000524/SF
Total Nitrogen	0.4 mg/L	Calculation	0.2	000522/BW

ND = None detected at RL (Reporting Limit). RL units same as result.

cc:


ESB Project Reviewer