



Receiving Water Body	Parameter Name	Number of times above std.	Standard	Source of Standard
Big Bear Lake - Station 1	Total Nitrogen	8/8 = 100%	0.15 mg/L	1995 Santa Ana
Big Bear Lake - Station 2	Total Nitrogen	5/5 = 100%	0.15 mg/L	1995 SAR River Basin Plan.
Big Bear Lake - Station 3	Total Nitrogen	5/5 = 100%	0.15 mg/L	1995 SAR Basin Plan
Big Bear Lake - Station 4	Total Nitrogen	5/5 = 100%	0.15 mg/L	1995 SAR Basin Plan
Big Bear Lake - Station 5	Total Nitrogen	8/8 = 100%	0.15 mg/L	1995 SAR Basin Plan.
Boulder Creek	Total Nitrogen	4/4 = 100%	0.15 mg/L	1995 SAR Basin Plan.
Knickerbocker Creek	Total Nitrogen	4/4 = 100%	0.15 mg/L	1995 SAR Basin Plan.
Metcalf Creek	Total Nitrogen	4/4 = 100%	0.15 mg/L	1995 SAR Basin Plan.
Crout Creek	Total Nitrogen.	1/2 = 50%	0.15 mg/L	"
Rathburn Creek	Total Nitrogen.	2/2 = 100%	0.15 mg/L	"

1995 Santa Ana River Basin Plan.

1995 SAR River Basin Plan.

1995 SAR Basin Plan

1995 SAR Basin Plan

1995 SAR Basin Plan.

1995 SAR Basin Plan.

1995 SAR Basin Plan.

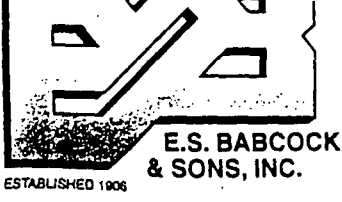
1995 SAR Basin Plan.

"

"







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Client:  
Big Bear Municipal Water Dist.  
Gene Martin  
P.O. Box 2863  
  
Big Bear Lake, Ca 92315  
  
Client I.D.: RATHBUN CREEK  
Site: BIG BEAR, CA.  
Description:  
  
Matrix: water

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Lab No.: L67695-004

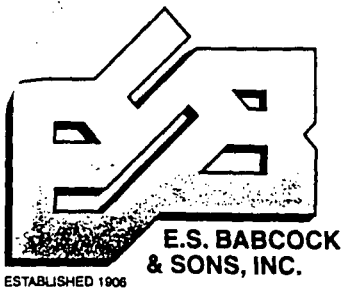
Date Reported: 04/14/00  
  
Collected By: MS  
Date: 04/03/00  
Time: 1007  
Submitted By: MS  
Date: 04/04/00  
Time: 1423

<u>Constituent</u>	<u>Result</u>		<u>Method</u>	<u>RL</u>	<u>Date / Analyst</u>
Nitrate-Nitrogen	1.0	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	1.3	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  
*John Babcock*



Santa Ana Region 8  
 2001 WQA/303 D List Update  
 Supporting Data  
 Rathbun Creek  
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Laboratory Results

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Client:

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

Big Bear Lake, Ca 92315

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

Matrix: water

Page: 1 of 1  
 Lab No.: L69143-006

Date Reported: 05/25/00

Collected By: MS  
 Date: 05/08/00  
 Time: 1332  
 Submitted By: GM  
 Date: 05/09/00  
 Time: 1321

Constituent	Result	Method	RL	Date / Analyst
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	0.06 mg/L	SM 4500-PB4E	0.05	000509/RK
Nitrite-Nitrogen	ND mg/L	SM 4500-NO2B	0.01	000509/TF
Kjeldahl Nitrogen	0.5 mg/L	EPA 351.2	0.1	000522/BW
Inorganic Nitrogen	ND mg/L	Calculation	0.05	000524/SF
Total Nitrogen	0.5 mg/L	Calculation	0.2	000522/BW

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

cc:

  
 ESB Project Reviewer

2001

## 8. Rathbun Creek:

- Beneficial Uses: MUN, GWR, REC1, REC2, COLD, WILD
- 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:*
    - 0/5 exceeded the Basin Plan TIN objective (for Big Bear Lake) of 0.15 mg/L
    - 2/2 exceeded the Basin Plan TIN objective (for Big Bear Lake) of 0.15 mg/L
    - 0/2 exceeded the Basin Plan total phosphorus objective of 0.15 mg/L
    - 2/2 exceeded the Basin Plan TIN objective (for Big Bear Lake) of 0.15 mg/L
- Recommendation: already on 303(d) list as impaired for nutrients; TMDL development underway
- TMDL Priority: high
- TMDL Start Date: 2002
- TMDL End Date: 2005