APPENDIX B

Hydrographs
TURQUOISE LAKE 1970 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

DAILY AVERAGE FLOW (CUBIC FEET PER SECOND)

<table>
<thead>
<tr>
<th>APR</th>
<th>MAY</th>
<th>JUN</th>
<th>JUL</th>
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</thead>
</table>

- Gage below dam
- Native inflow

Total inflow = 22,934
Total outflow = 39,406
Percent increase = 172%
TURQUOISE LAKE 1971 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

- - - - Gage below dam  ----- Native inflow

Total inflow = 21,471
Total outflow = 41,844
Percent increase = 195%
Total inflow = 23,707
Total outflow = 49,411
Percent increase = 208%
TURQUOISE LAKE 1973 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

Total inflow = 10,191
Total outflow = 22,326
Percent increase = 219%
TURQUOISE LAKE 1974 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

Total inflow = 21,037
Total outflow = 61,322
Percent increase = 292%
TURQUOISE LAKE 1976 OPERATION

NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

Total inflow = 14,632
Total outflow = 24,595
Percent increase = 168%

----- Gage below dam  --- Native inflow

- APR - MAY - JUN - JUL
TURQUOISE LAKE 1977 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

DAILY AVERAGE FLOW (CUBIC FEET PER SECOND)

Total inflow = 10,640
Total outflow = 27,967
Percent increase = 263%

Gage below dam — Native inflow
TURQUOISE LAKE 1979 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

DAILY AVERAGE FLOW (CUBIC FEET PER SECOND)

[Graph showing flow rates over time]

- Gage below dam
- Native inflow

Total inflow = 30,726
Total outflow = 63,583
Percent increase = 207%
TURQUOISE LAKE 1980 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

Gage below dam

Native inflow

Total inflow = 28,560
Total outflow = 64,138
Percent increase = 225%
TURQUOISE LAKE 1981 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK
First year of Mt. Elbert Conduit

- Gage below dam
- Native inflow

Total inflow = 11,537
Total outflow = 15,677
Percent increase = 136%
TURQUOISE LAKE 1982 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

- - - - Gage below dam  Native inflow

Total inflow = 25,230
Total outflow = 3,181
Percent reduction = 87%
TURQUOISE LAKE 1983 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

Total inflow = 28,411
Total outflow = 50,931
Percent increase = 179%

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Gage below dam — Native inflow
TURQUOISE LAKE 1984 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

Total inflow = 40,631
Total outflow = 33,270
Percent reduction = 18%
TURQUOISE LAKE 1985 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

Total inflow = 32,834
Total outflow = 5,138
Percent reduction = 84%

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Gage below dam — Native inflow
TURQUOISE LAKE 1986 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

Total inflow = 26,203
Total outflow = 11,731
Percent reduction = 55%

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- Gage below dam
- Native inflow
TURQUOISE LAKE 1987 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

Total inflow = 16,095
Total outflow = 3,137
Percent reduction = 81%
Total inflow = 17,891
Total outflow = 3,122
Percent reduction = 83%
TURQUOISE LAKE 1989 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

Total inflow = 17,931
Total outflow = 3,760
Percent reduction = 79%
TURQUOISE LAKE 1990 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

- - Gage below  Native inflow

Total inflow = 19,533
Total outflow = 3,272
Percent reduction = 83%
TURQUOISE LAKE 1991 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

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Total inflow = 23,398
Total outflow = 2,890
Percent reduction = 88%

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- - - - Gage below dam
- - - - Native inflow
TURQUOISE LAKE 1994 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

Total inflow = 23,161
Total outflow = 4,780
Percent reduction = 79%
TURQUOISE LAKE 1995 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

- - - Gage Below Dam  --- Native Inflow

Total inflow = 42,824
Total outflow = 10,744
Percent reduction = 75%
TURQUOISE LAKE 1996 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

- - Gage Below Dam  --- Native Inflow

Total inflow = 30,320
Total outflow = 24,744
Percent reduction = 18%
TURQUOISE LAKE 2000 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

DAILY AVERAGE FLOW (CUBIC FEET PER SECOND)

- - - Gage Below Dam
--- Native Inflow

Total Native Inflow = 28,640 (acft)
Total outflow = 13,296 (acft)
Percent reduction = 54%
TURQUOISE LAKE 2001 OPERATION
NATIVE INFLOW VERSUS RELEASE TO LAKE FORK

Total Native Inflow = 26,771 (acft)
Total outflow = 2,920 (acft)
Percent reduction = 89%