Spokane River TMDL

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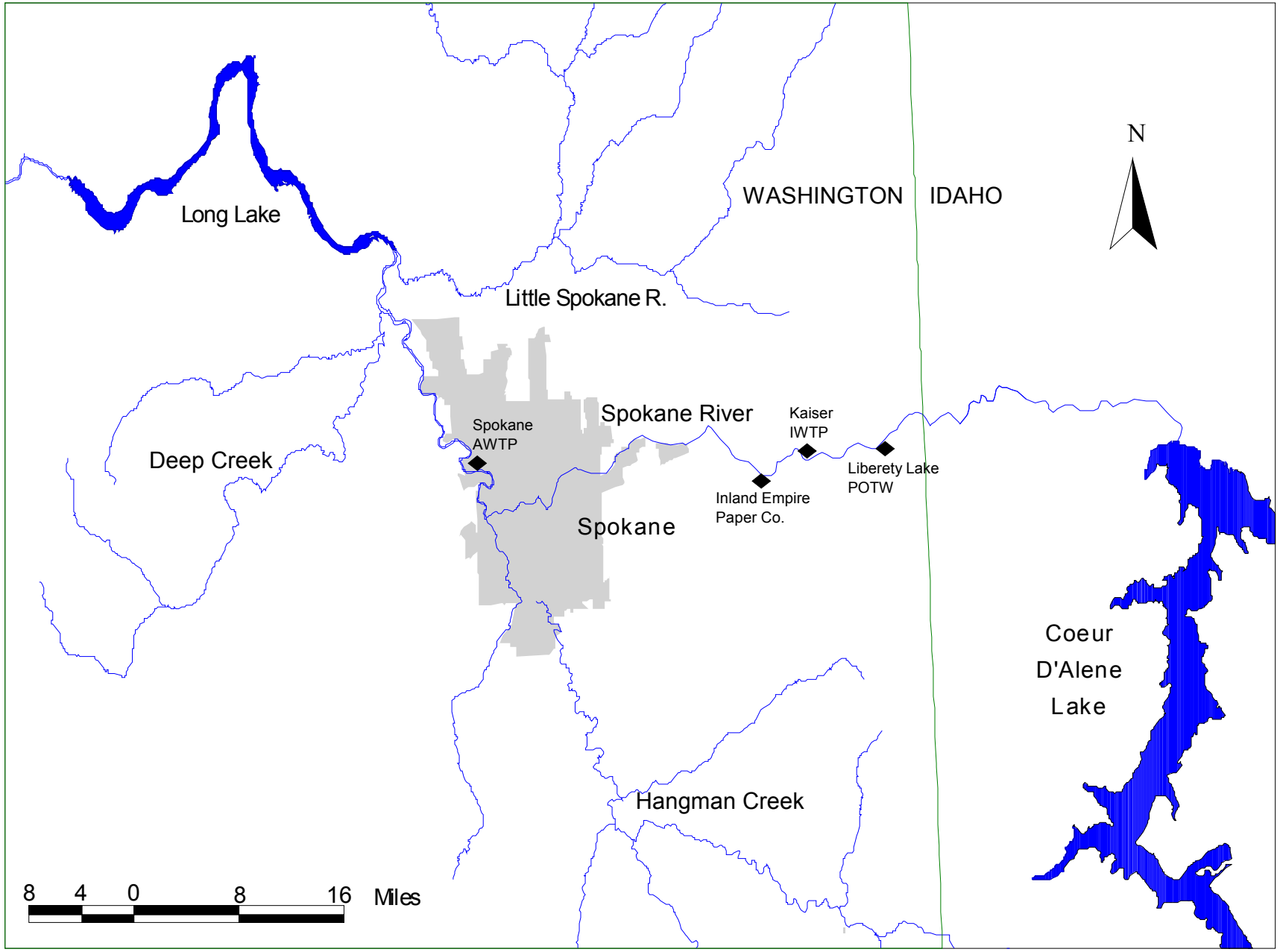
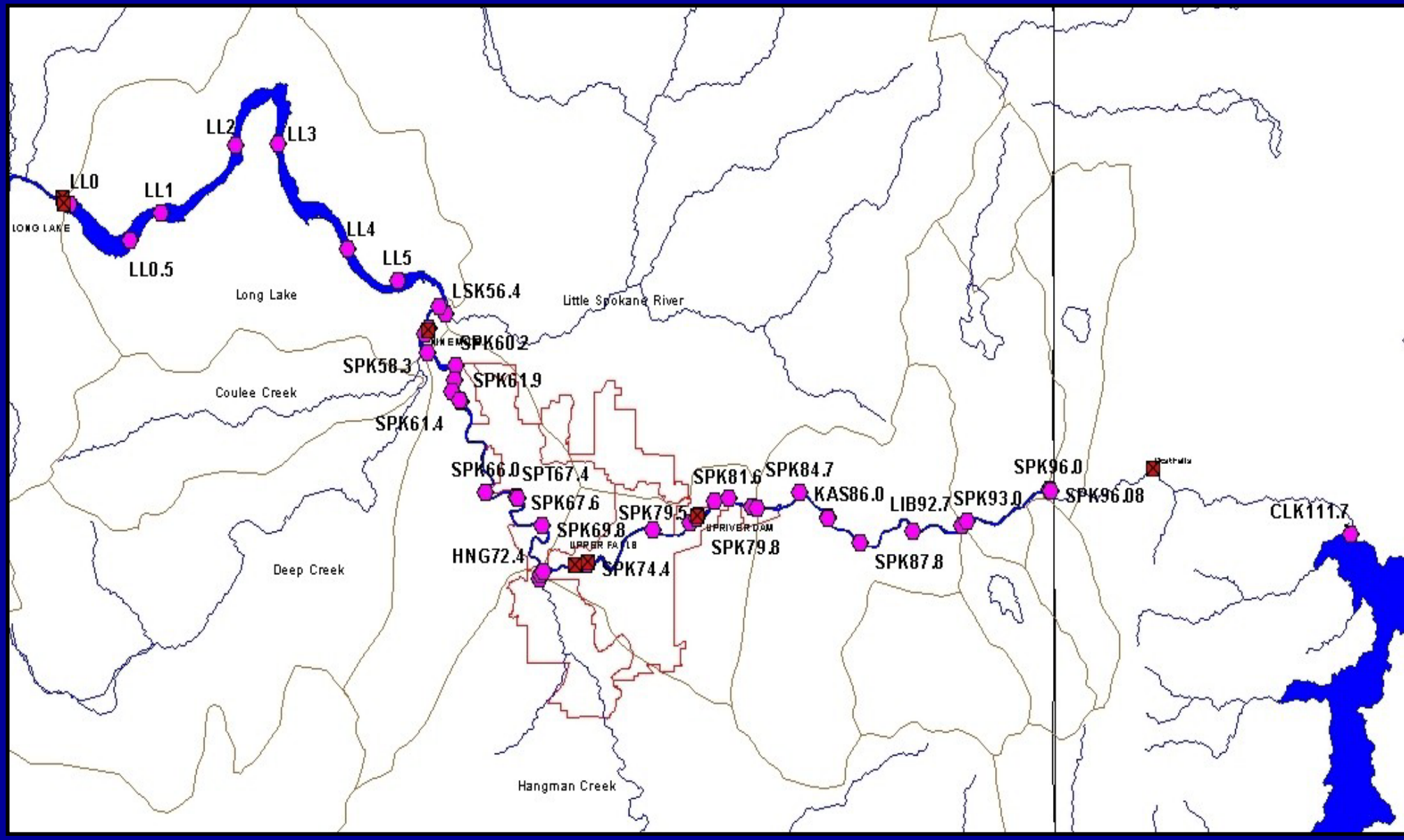
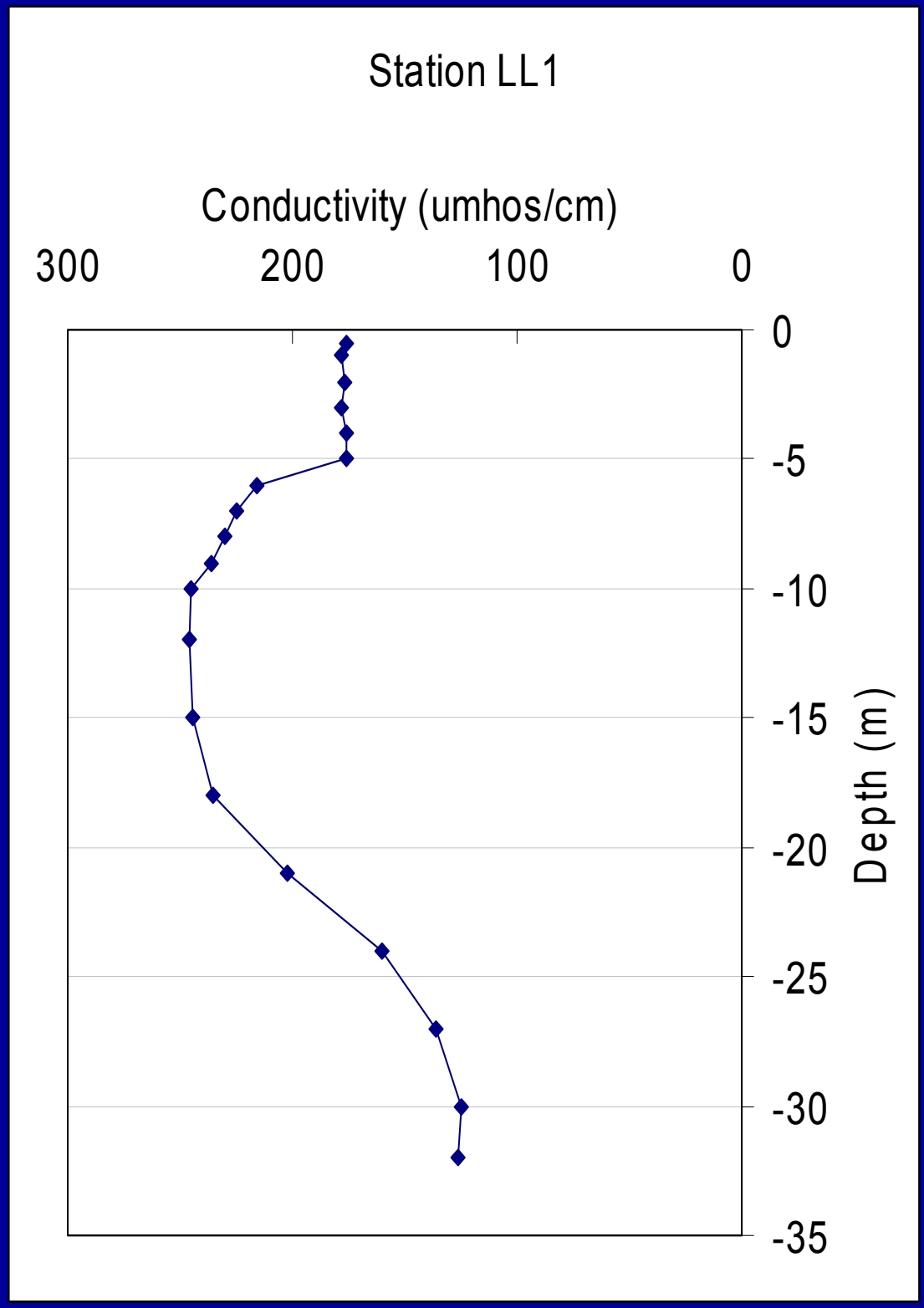
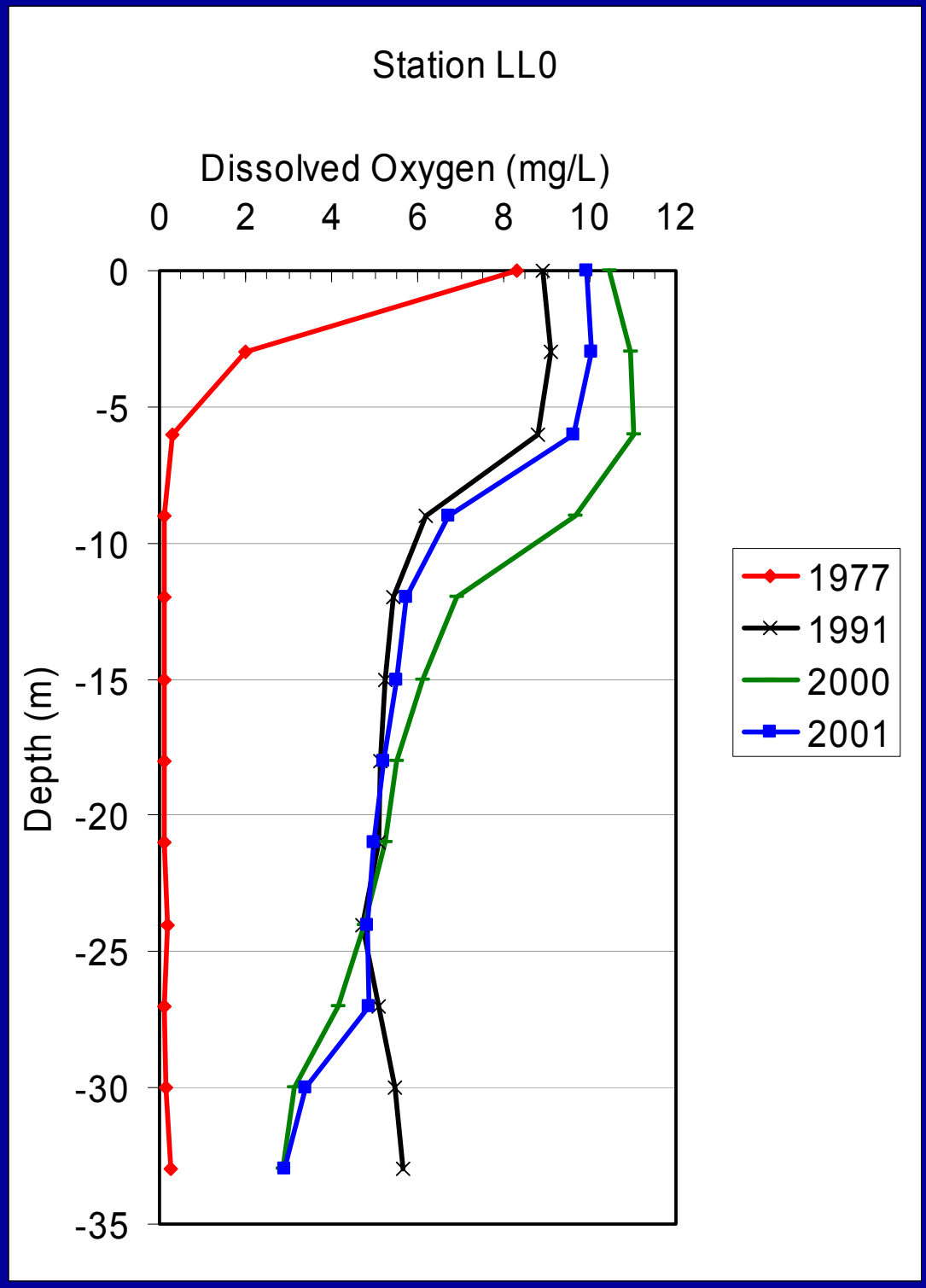

Long Lake
WASHINGTON
IDAHO
N
Little Spokane R.
Spokane River
Kaiser
IWTP
Spokane
AWTP
Deep Creek
Liberety Lake
POTW
Inland Empire
Paper Co.
Spokane
Coeur
D'Alene
Lake
Hangman Creek
8 4 0 8 16 Miles

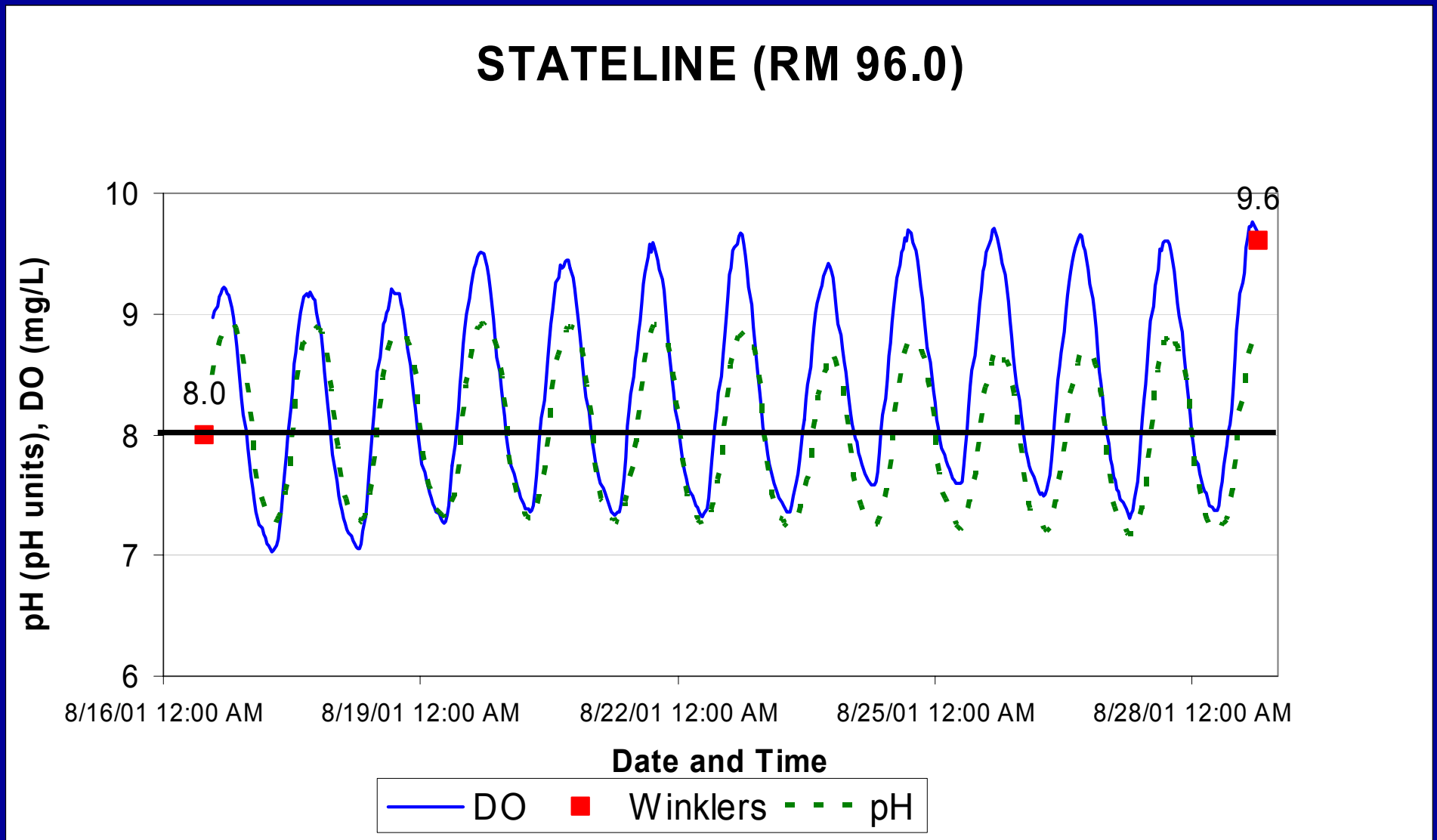
Spokane River TMDL

- Data Collection
- Develop a WQ computer model
- Assess loading
  - NBOD, CBOD, Nutrients (Organic Matter)
- Apply “D.O.” Water Quality Criteria
- Establish TMDLs
- Assign WLAs, LAs, and MOS


LL0
LL1
LL2
LL3
LL4
LL5
LL0.5
LONG LAKE
Long Lake
LSK56.4
Little Spokane River
SPK60.2
SPK58.3
SPK61.9
SPK61.4
Coulee Creek
SPK66.0
SPT67.4
SPK67.6
SPK69.8
SPK79.5
SPK81.6
SPK84.7
KAS86.0
LIB92.7
SPK93.0
SPK96.0
SPK96.08
CLK111.7
SPK79.8
SPK87.8
HNG72.4
SPK74.4
Deep Creek
Hangman Creek


Station LL1
Conductivity (umhos/cm)
300
200
100
0
0
-5
-10
-15
-20
-25
-30
-35
Depth (m)


Station LL0
Dissolved Oxygen (mg/L)
0
2
4
6
8
10
12
Depth (m)
0
-5
-10
-15
-20
-25
-30
-35
1977
1991
2000
2001


STATELINE (RM 96.0)
10
9
8
7
6
pH (pH units), DO (mg/L)
8.0
9.6
8/16/01 12:00 AM
8/19/01 12:00 AM
8/22/01 12:00 AM
8/25/01 12:00 AM
8/28/01 12:00 AM
Date and Time
DO
Winklers
pH

- CE-QUAL-W2