

Links to Supporting Data Files

Microsoft Excel ® Spreadsheets	Description
Plug Flow Data & Graphs	Earlier work (1989 – 1995) geared for ammonia decay studies, heavy metals analyses, conductivity, chlorides, etc. in plug flow fashion above and below each treatment plant. Also contains graphs of results.
2-Hour vs. 4-Hour Total Ammonia Sampling	Special sampling work done at each treatment plant 9/17/99 and 9/18/99 (ahead of <i>in situ</i> work) with 2-hr. vs. 4-hr. discrete sampling. Result: 4-hr. sampling adequate.
In Situ Results	Covers all City generated <i>in situ</i> field and lab results for 9/21/1999 to 10/31/1999 for all sites: <ul style="list-style-type: none"> • Conductivity, pH, Temperature, D.O. • Velocity/Flow Transect Work • Theresa Mixing Zone Investigation • Physical/Chemical Measurements • Transverse Cage array testing at Sites E & F • Lab Data Variability & QA/QC
In Situ Graphs A-D	Contains graphs of grab samples and 4-Hr. discrete sampling of physical/chemical parameters in insitu_Work.xls spreadsheet for Sites A through D.
in situ Graphs 8-I	Contains graphs of grab samples and 4-Hr. discrete sampling of physical/chemical parameters in insitu_Work.xls spreadsheet for Sites 8 through I.
Regressions for Flow/Cond., Cond./Cl, Vel/Flow, and Downstream Ammonia	Regressions for key parameters in insitu_Work.xls spreadsheet, plus in-stream ammonia prediction regressions.
Salt Creek Ammonia Model	Mass balance/decay model for predicting in-stream ammonia concentrations.
Salt Creek in situ Air/Water Temperature Regressions	Regressions for predicting water temperature based on air temperature for calculating biological endpoint correction factors.
In Situ Fish Data	Fish mortality, biomass, growth, associated water chemistry, and data used for IC ₂₀ <i>in situ</i> endpoints.
Summary of WET Testing Results 1989 - 1999	Summary of WET testing to date for both treatment plants.
Salt Creek Low Flow Analysis	Salt Creek low flow analyses for flows above Theresa St. Treatment Plant (7Q10, 30Q5, etc.) 1979-1980. Includes historic flow graphs.
USGS Rating Table	Shows current USGS stage-discharge table for N. 27 th St. Gauging Station; “variable shift” calibration records; and graph of apparent low-flow metering errors.
Mixing Zones	Transects for flow, velocity, and conductivity for mixing zones below each treatment plant.

Microsoft PowerPoint ® Files	Description
<u>Site Photos - Summer Season</u>	Photos of each bio-assessment site for August, 1998 (summer season) bio-assessment .
<u>Site Photos - Winter Season</u>	Photos of each bio-assessment site for February 2, 1999 (winter season) bio-assessment.
<u>Bio-Assessment - Habitat</u>	Map of Salt Creek watershed and selected photos showing representative habitat along Salt Creek from Wilderness Park to the confluence with the Platte River.
<u>Bio-Assessment - Work</u>	Selected photos showing fish shocking, seining, and weighing/measurement work during a summer bio-assessment event.
<u>In Situ Results</u>	Selected photos showing various activities during the September-October, 1999 <i>in situ</i> work.

Microsoft Access ® Files (CD Version Only)	Description
<i>In Situ Access 97</i>	Access 97 version of database of all data contained in insitu_Work.xls spreadsheet, plus pre-defined queries for selecting data in each table.
<i>In Situ Access 97</i>	Same as above, but in Access 2000 version.

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