

Appendix B: Load Duration Curves

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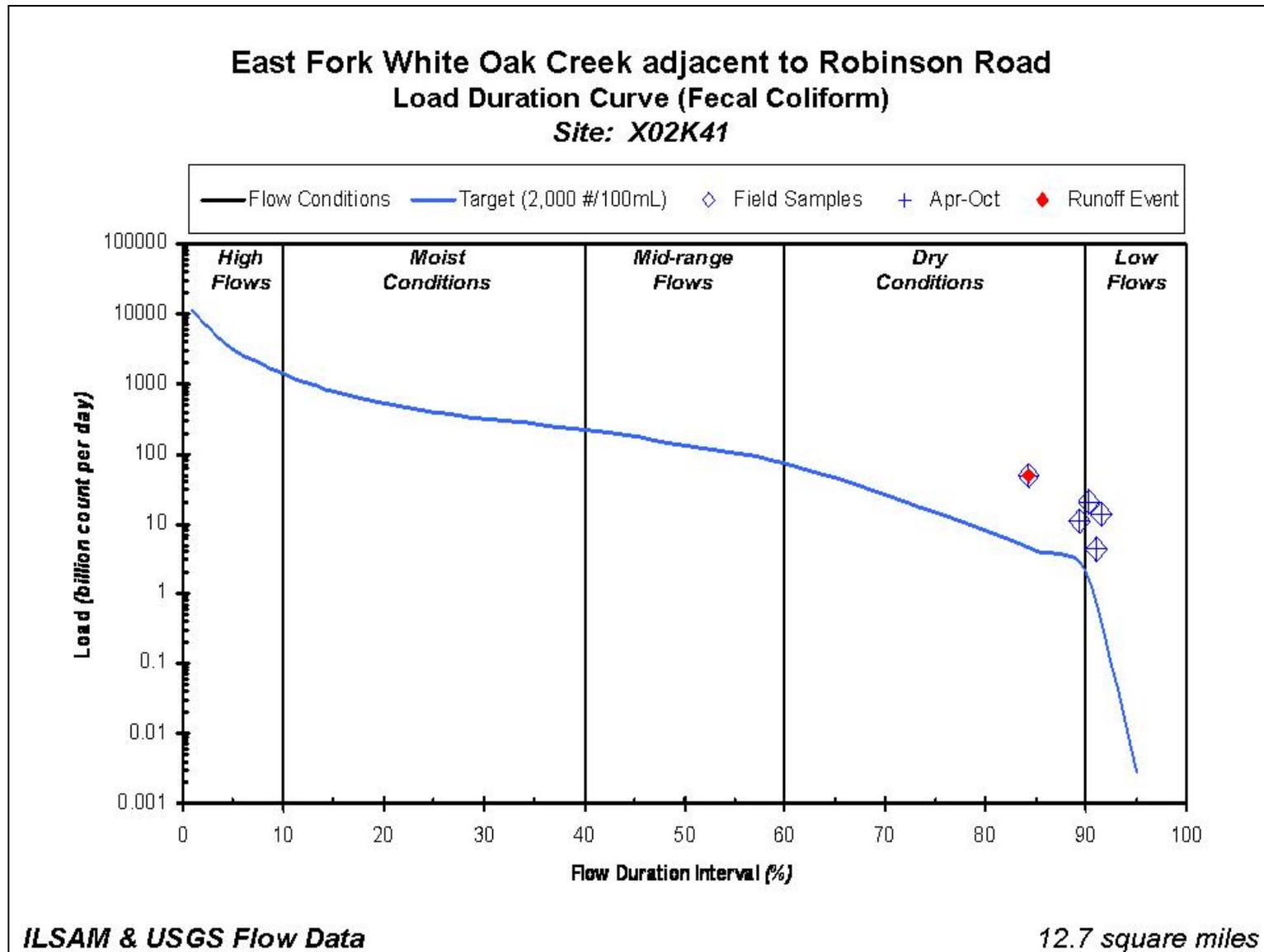


Figure B- 1. Load duration curve for fecal coliform at station X02K41.

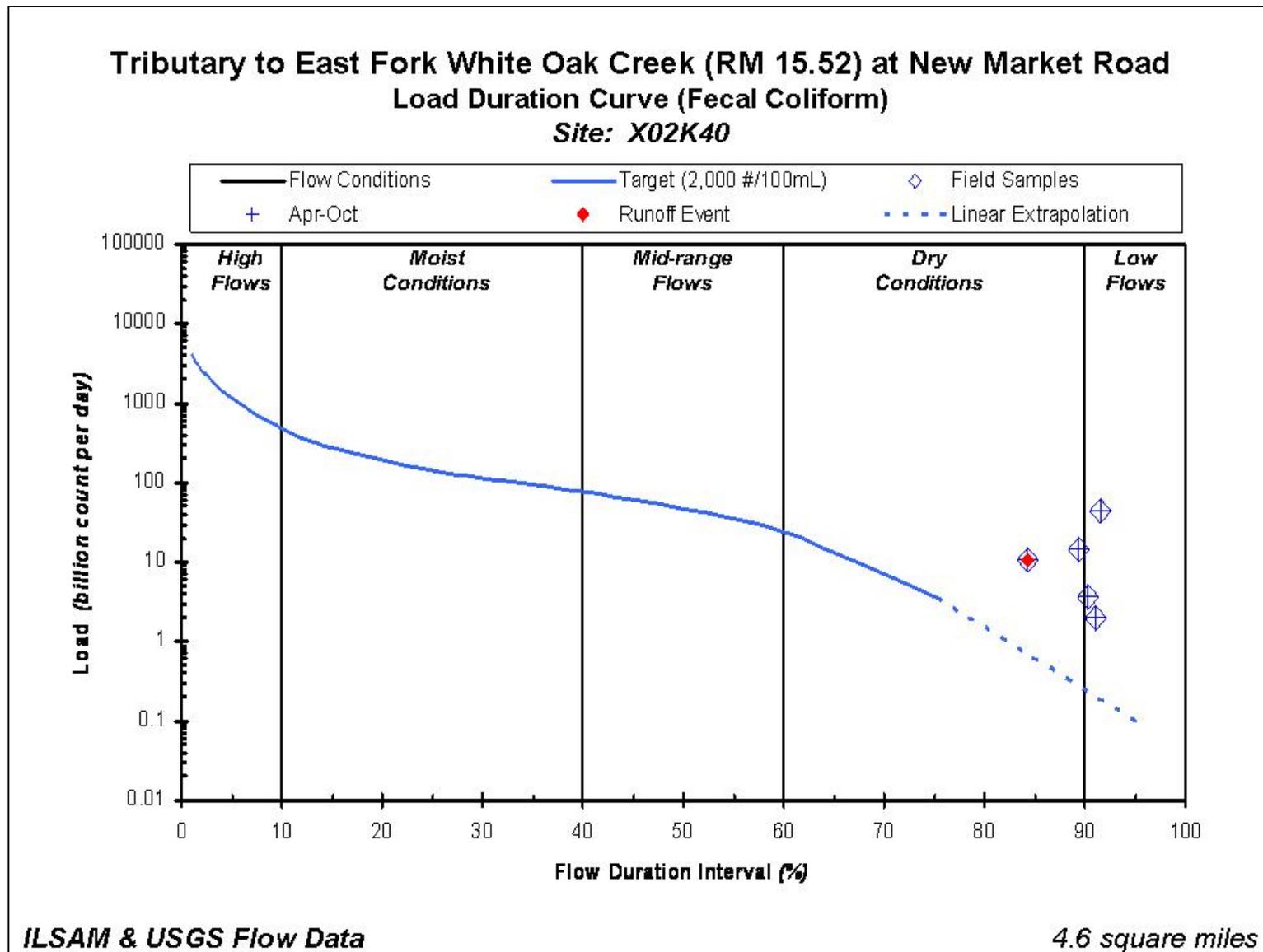


Figure B- 2. Load duration curve for fecal coliform at station X02K40.

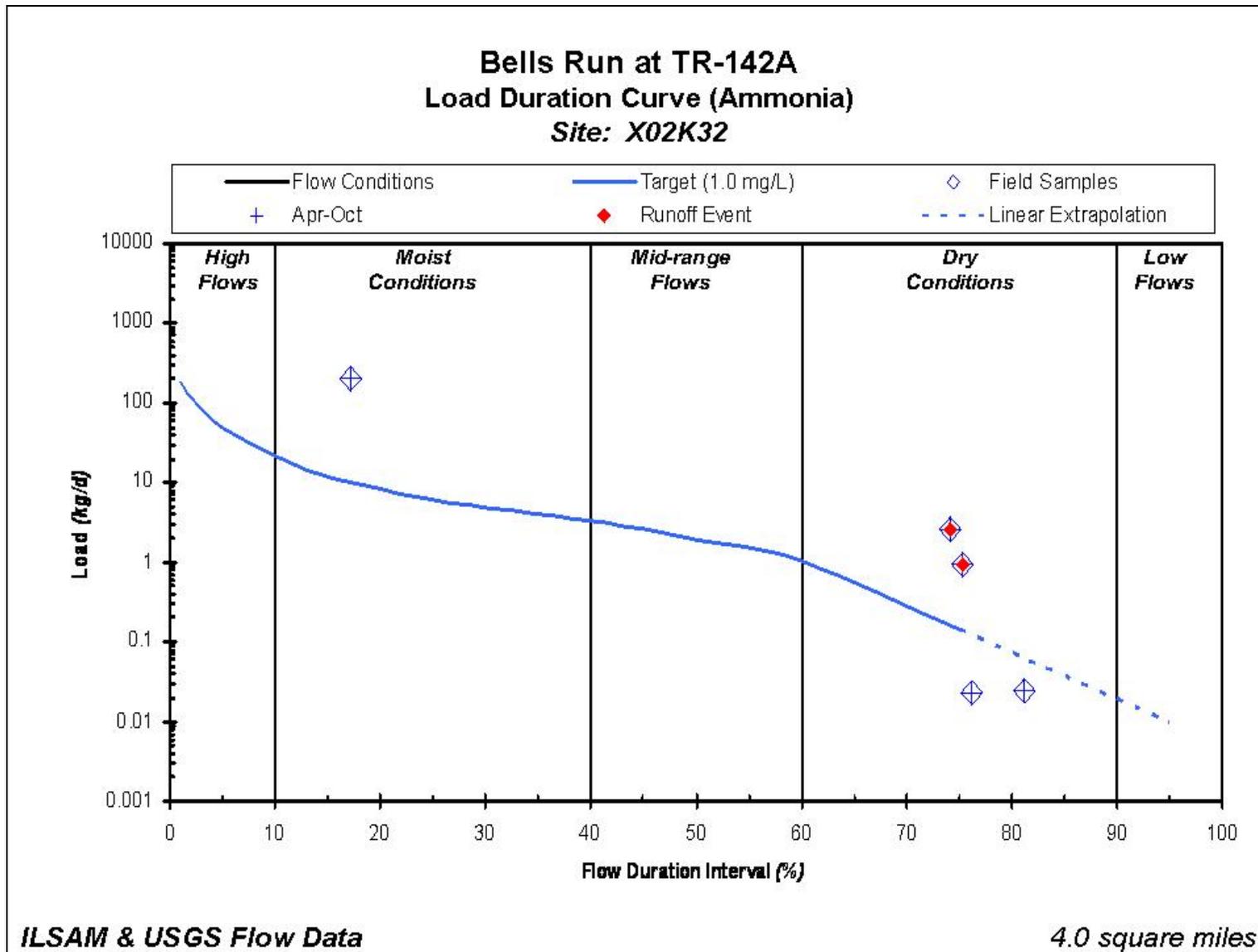


Figure B- 3. Load duration curve for ammonia at station X02K32.

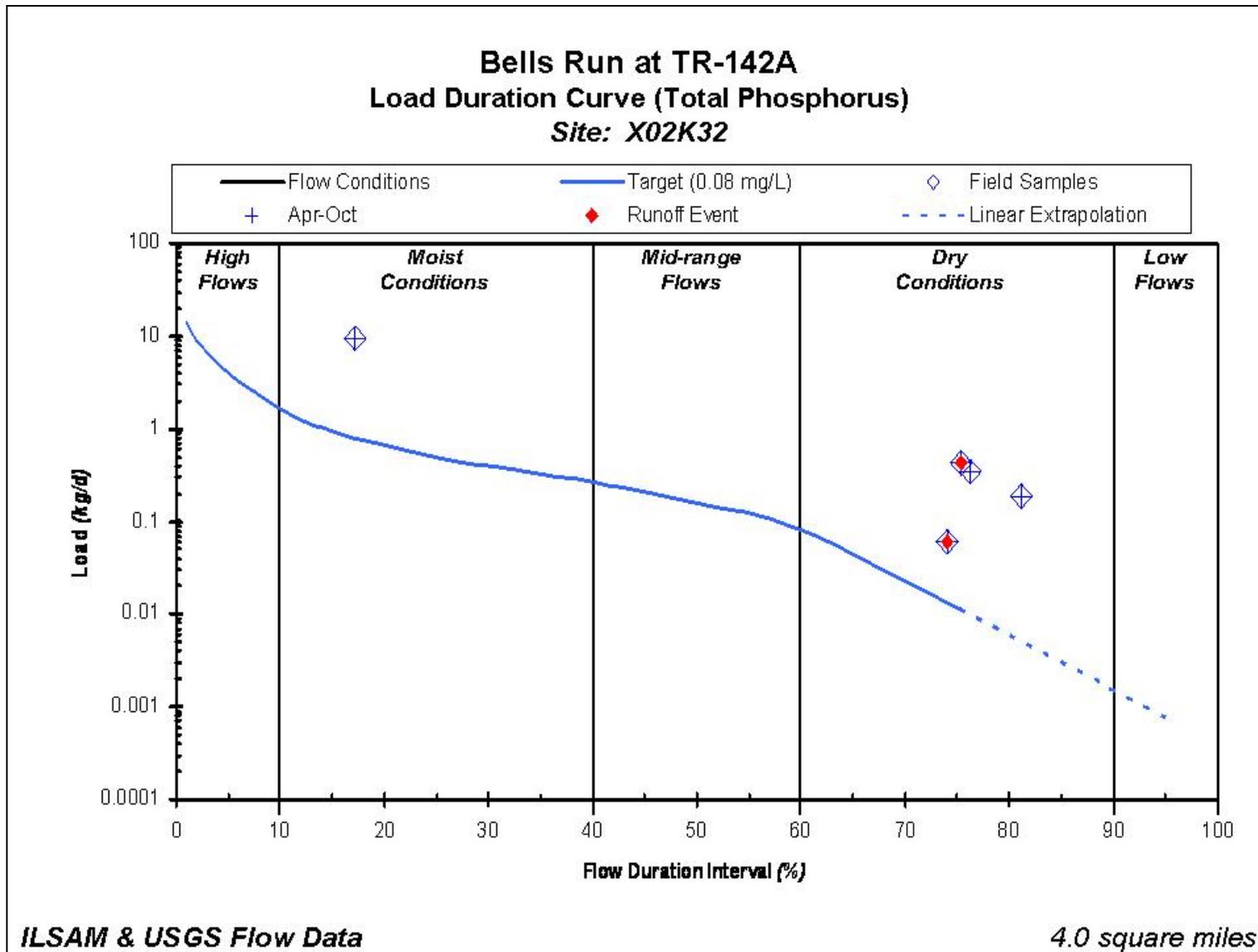


Figure B- 4. Load duration curve for total phosphorus at station X02K32.

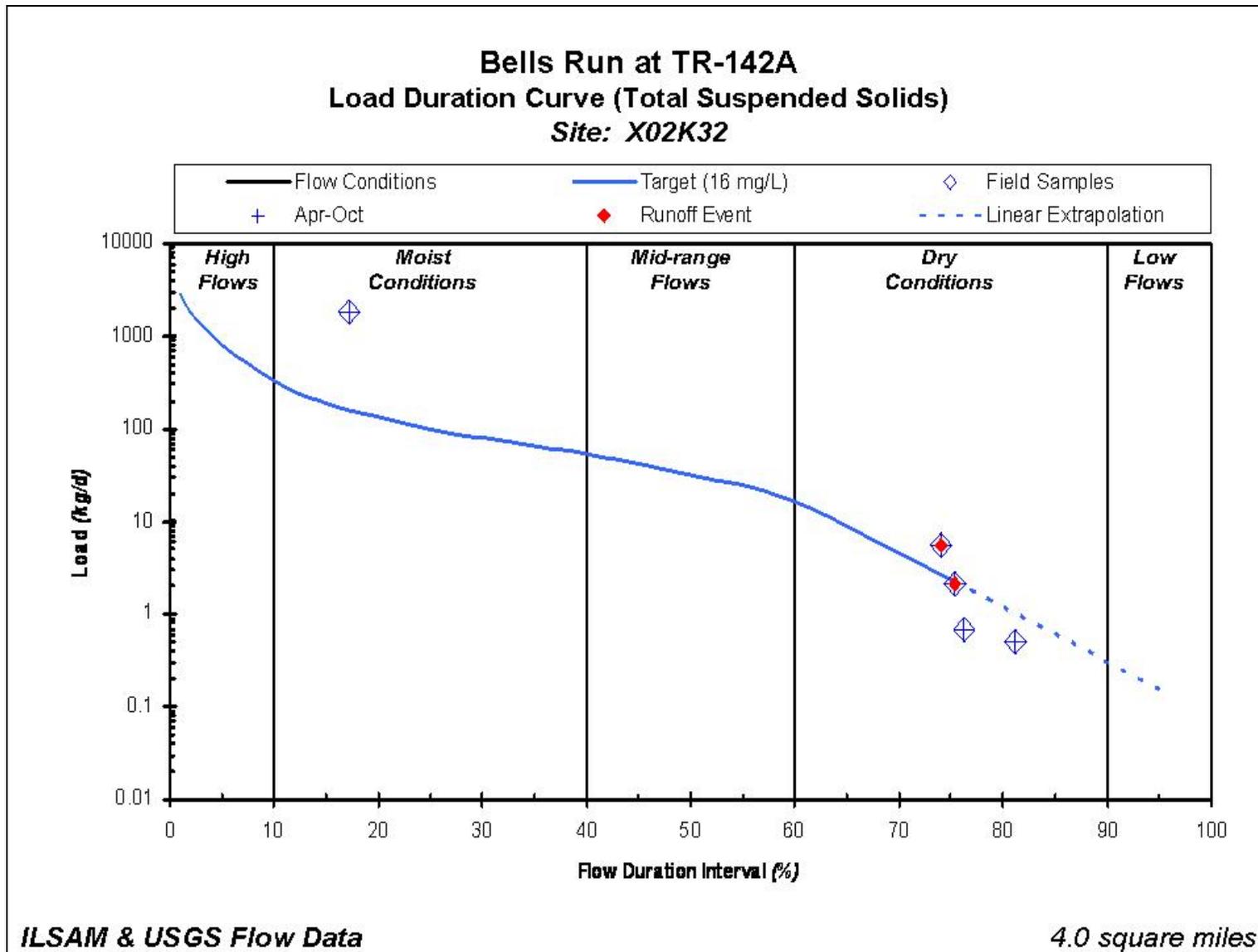


Figure B- 5. Load duration curve for total suspended solids at station X02K32.

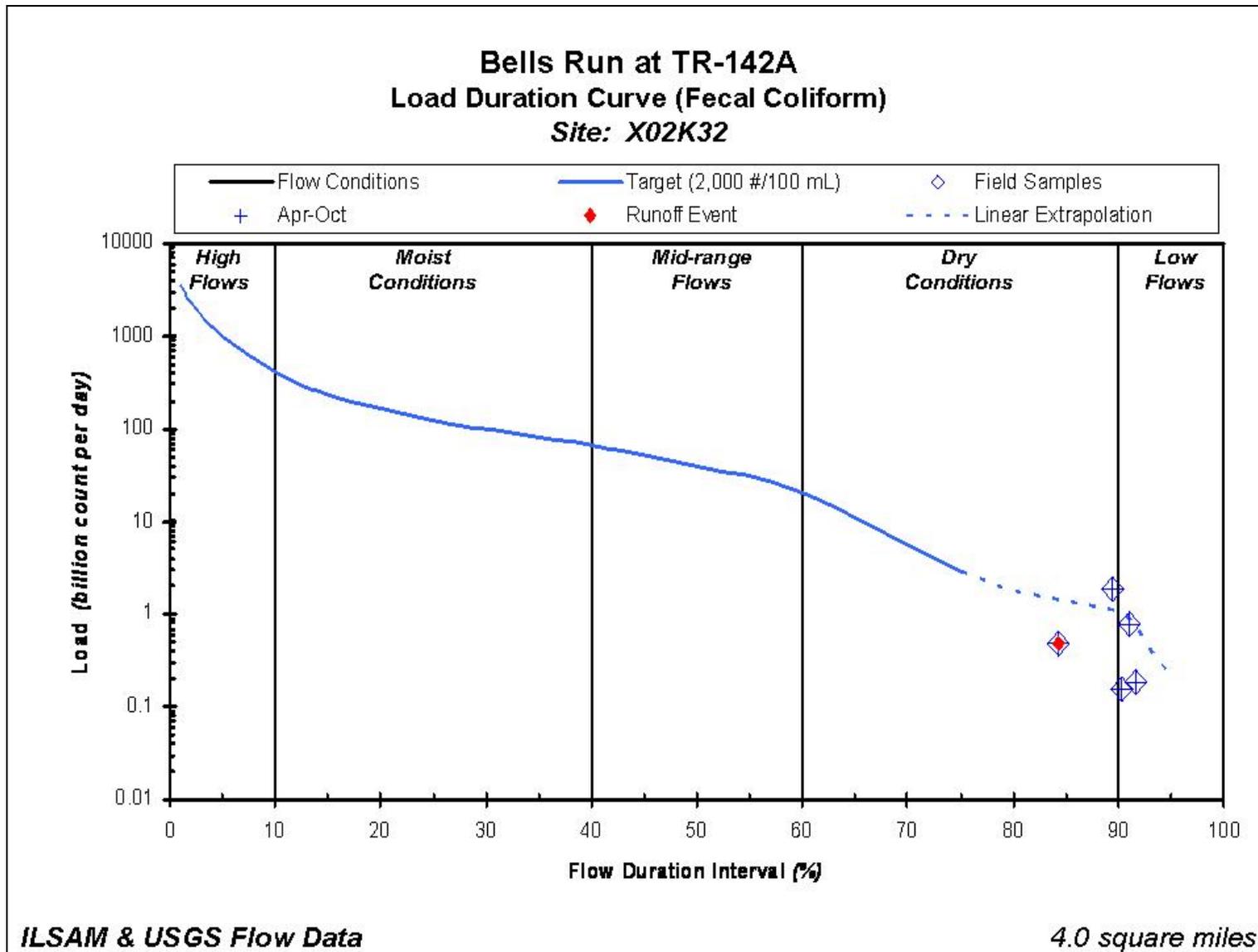


Figure B- 6. Load duration curve for fecal coliform at station X02K32.

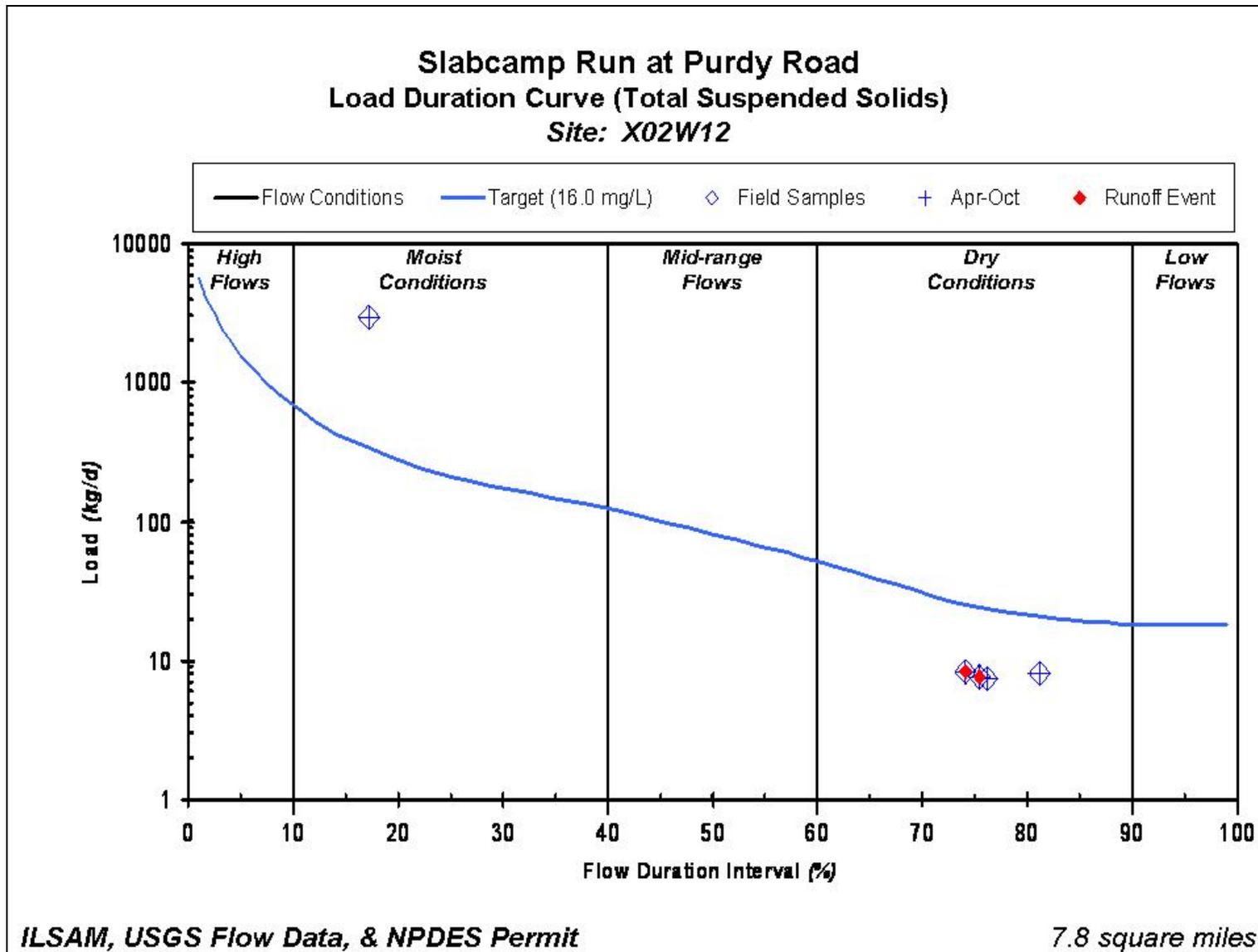


Figure B- 7. Load duration curve for total suspended solids at station X02W12.

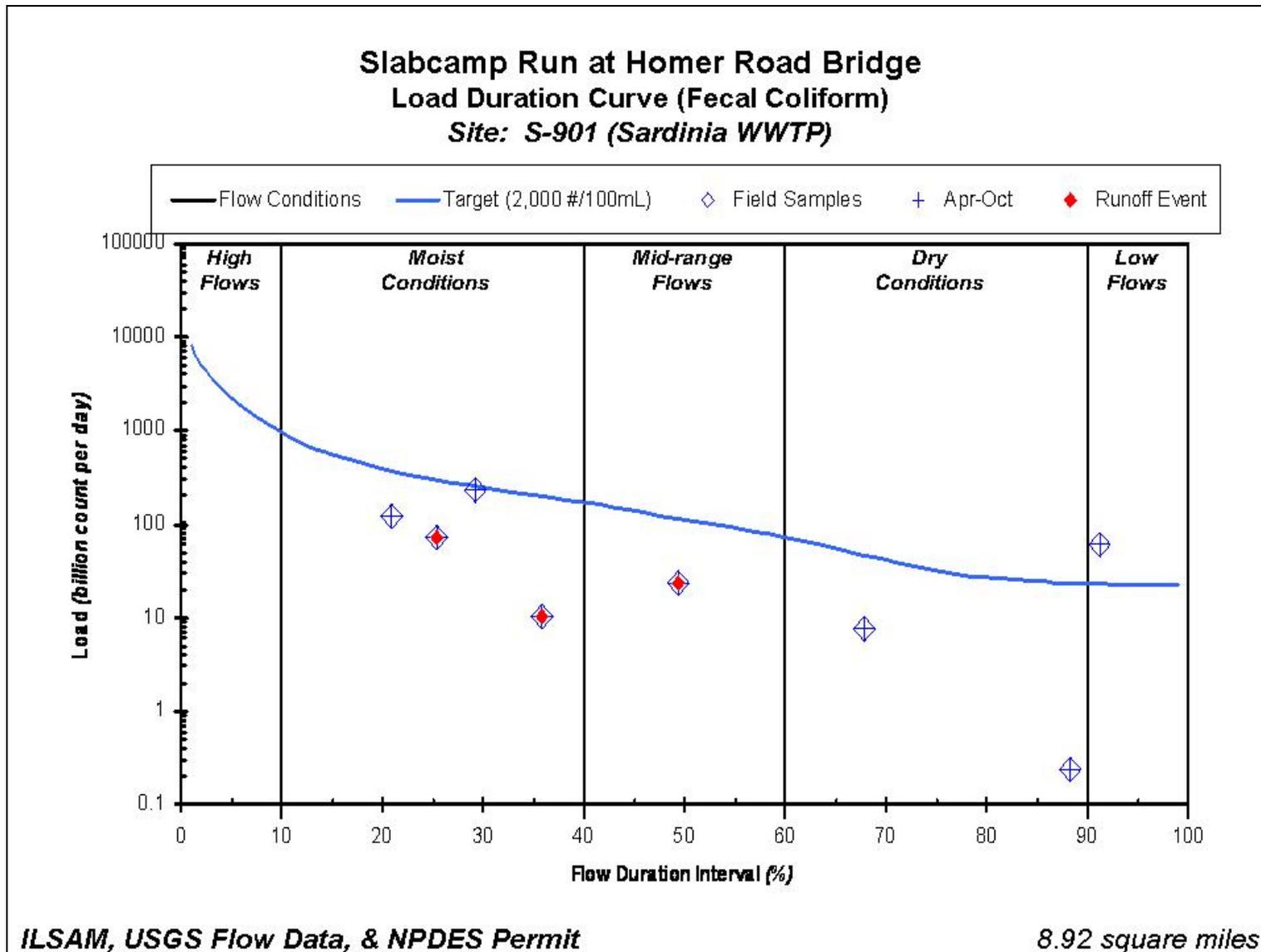


Figure B- 8. Load duration curve for fecal coliform downstream of Sardinia WWTP.

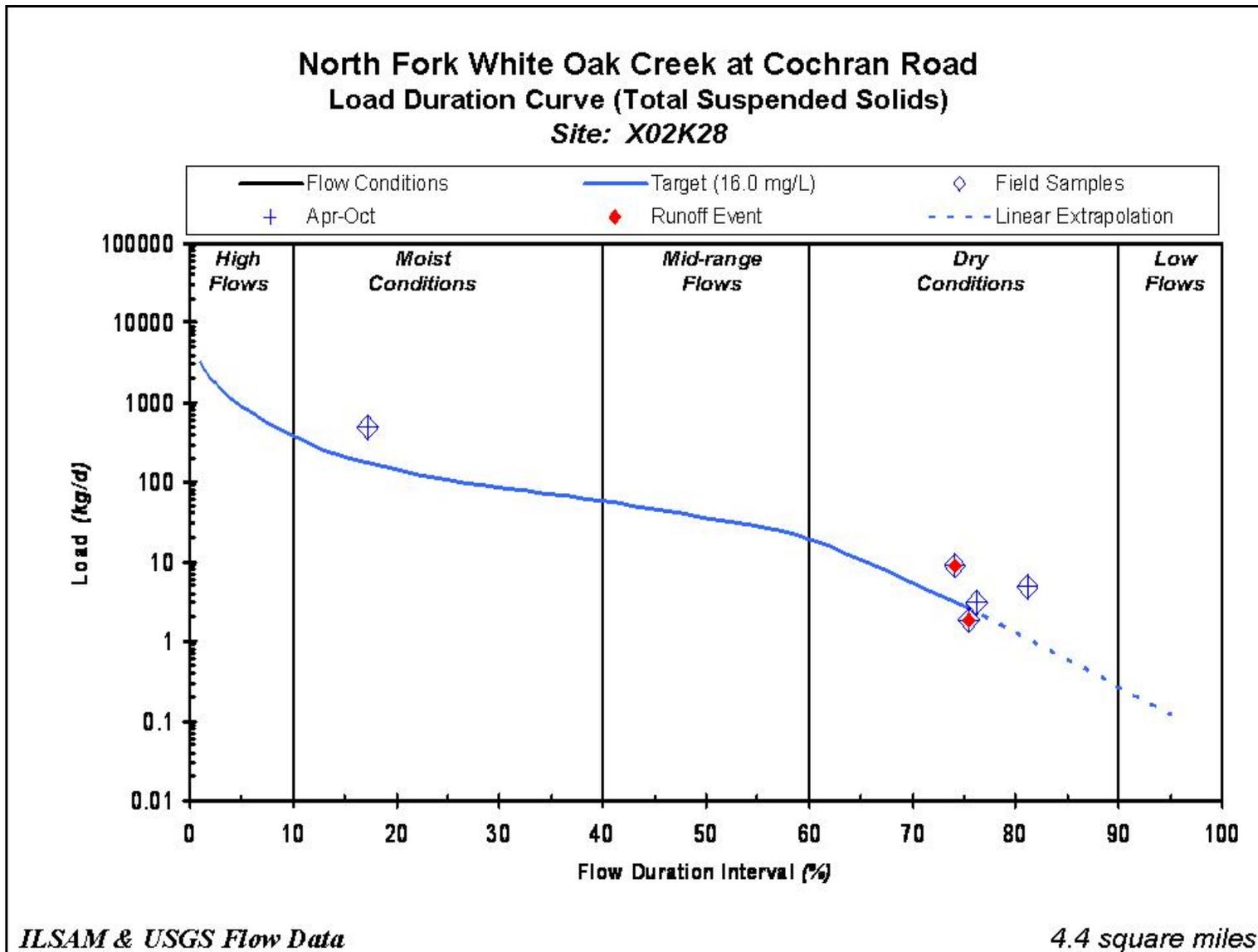


Figure B- 9. Load duration curve for total suspended solids at station X02K28.

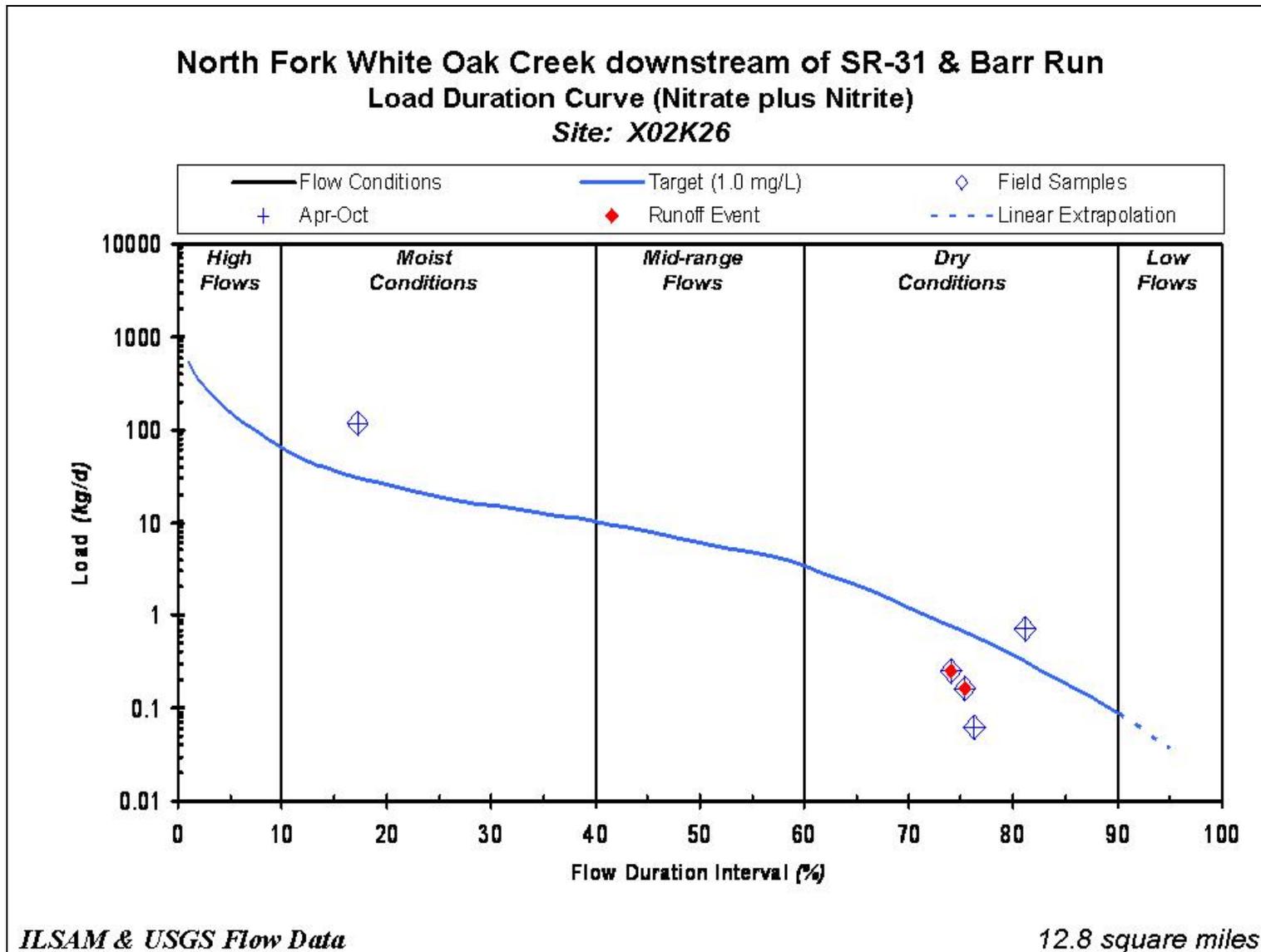


Figure B- 10. Load duration curve for nitrate plus nitrite at station X02K26.

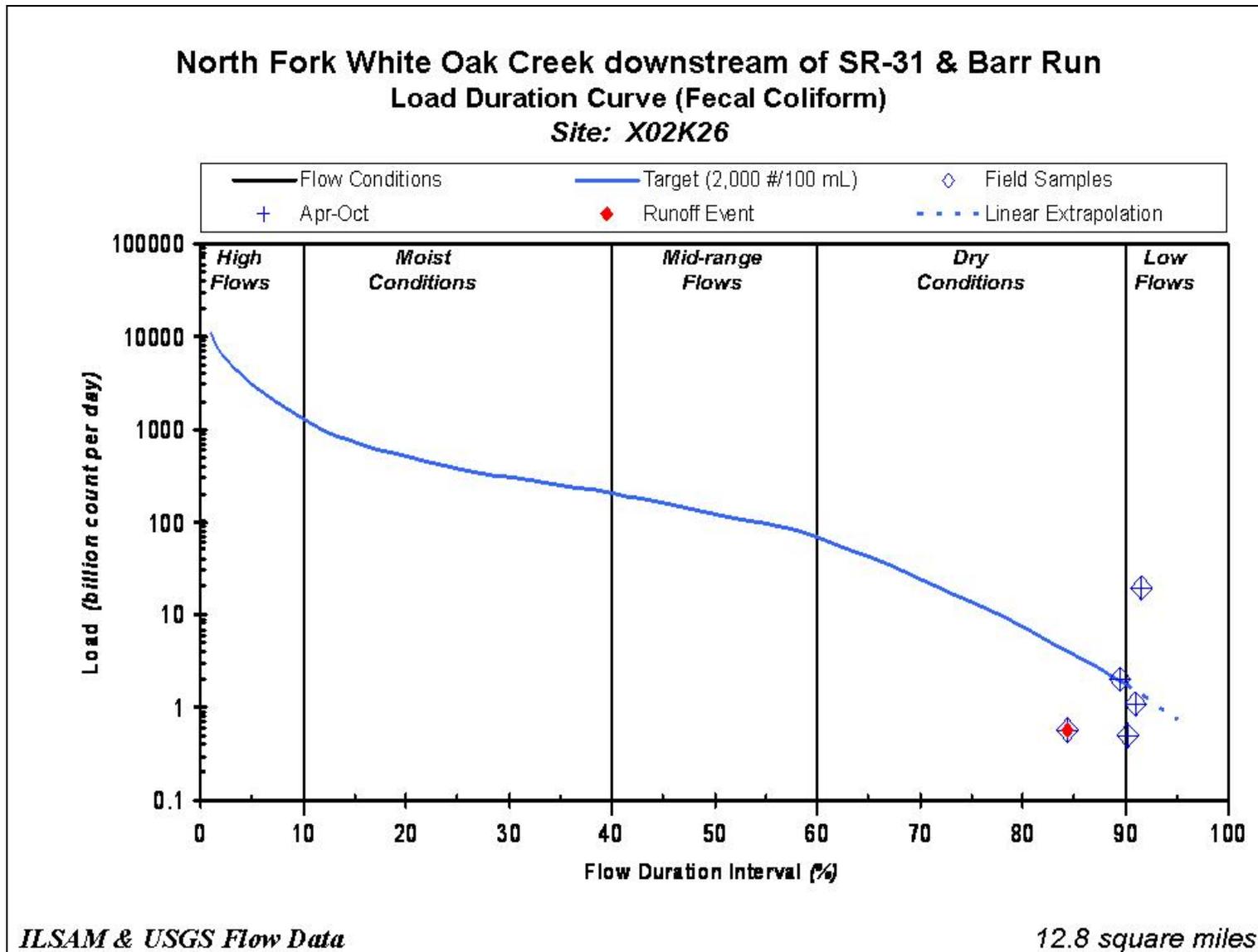


Figure B- 11. Load duration curve for fecal coliform at station X02K26.

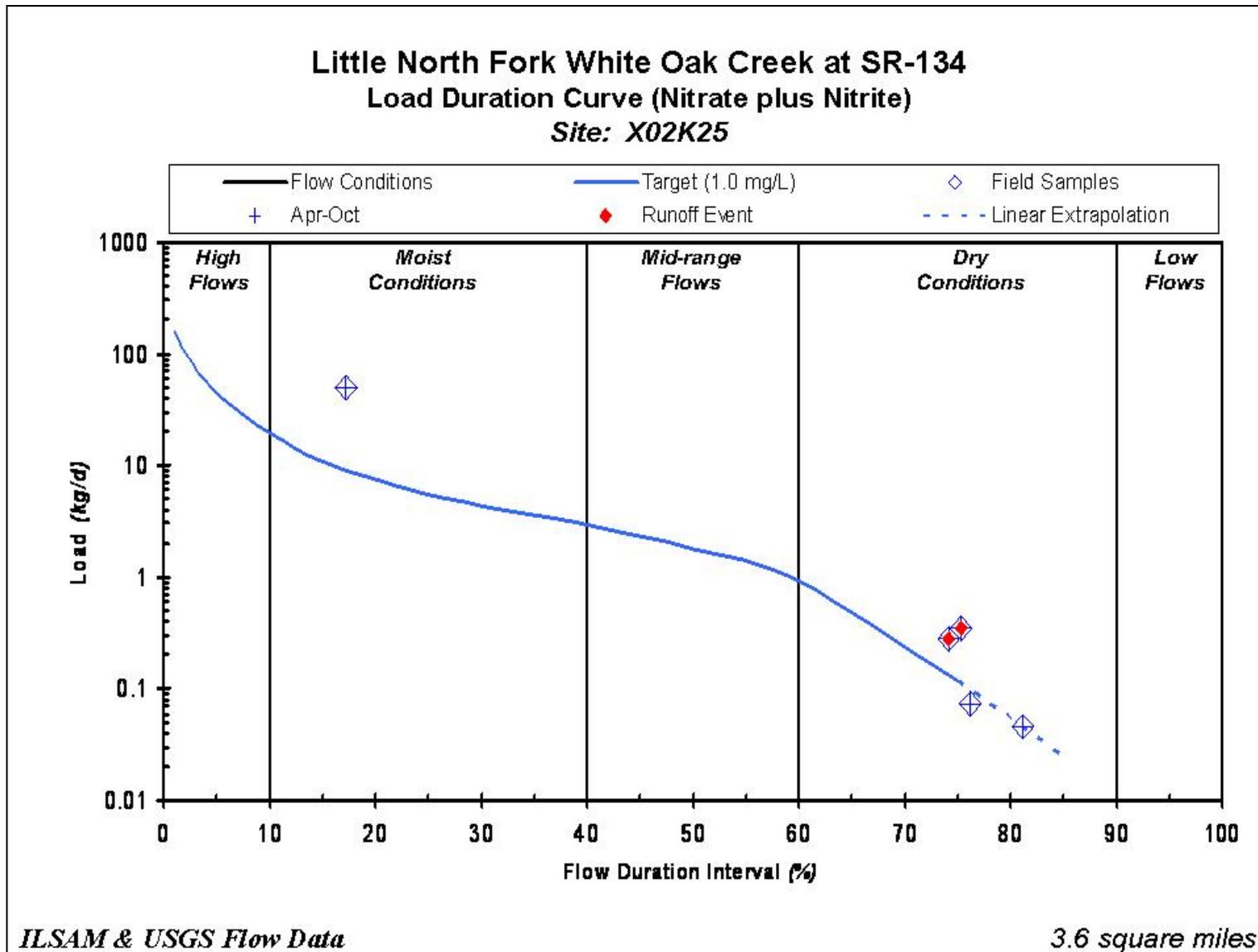


Figure B- 12. Load duration curve for nitrate plus nitrite at station X02K25.

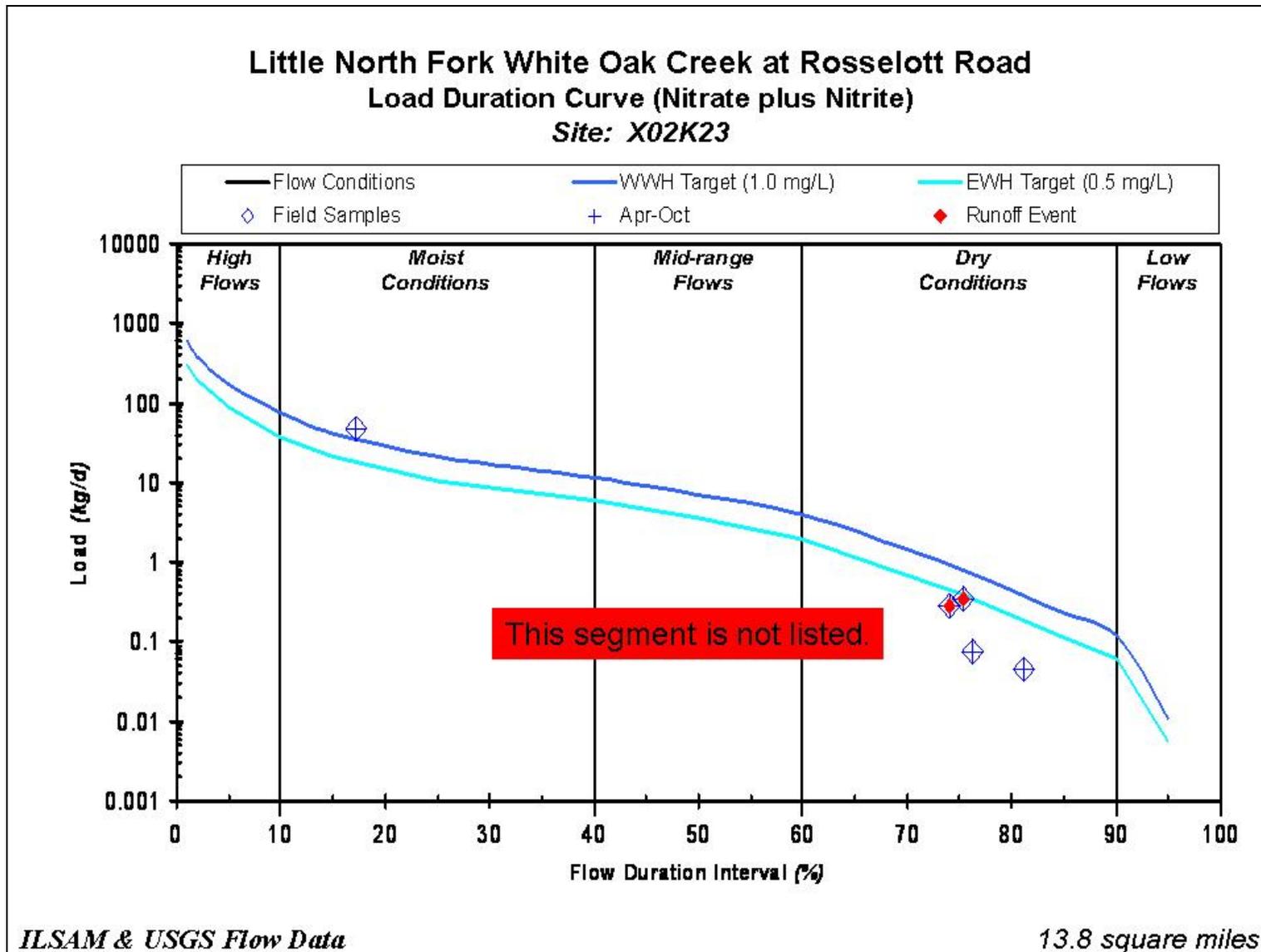


Figure B- 13. Load duration curve for nitrate plus nitrite at station X02K23.

Note: During TMDL development, the use designation for this stream was changed from exceptional warmwater habitat to warmwater habitat.

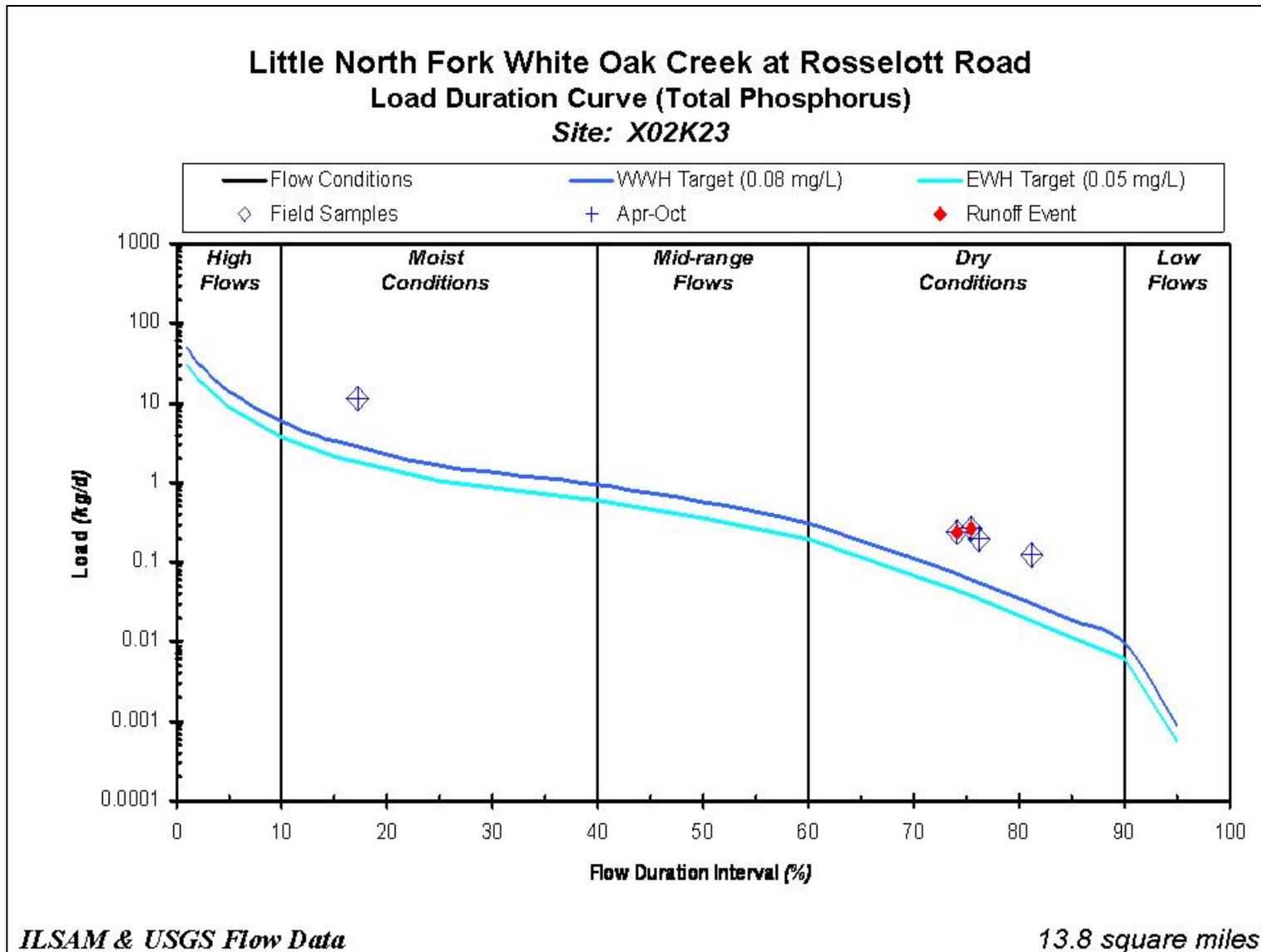


Figure B- 14. Load duration curves for total phosphorus at station X02K23.

Note: During TMDL development, the use designation for this stream was changed from exceptional warmwater habitat to warmwater habitat.

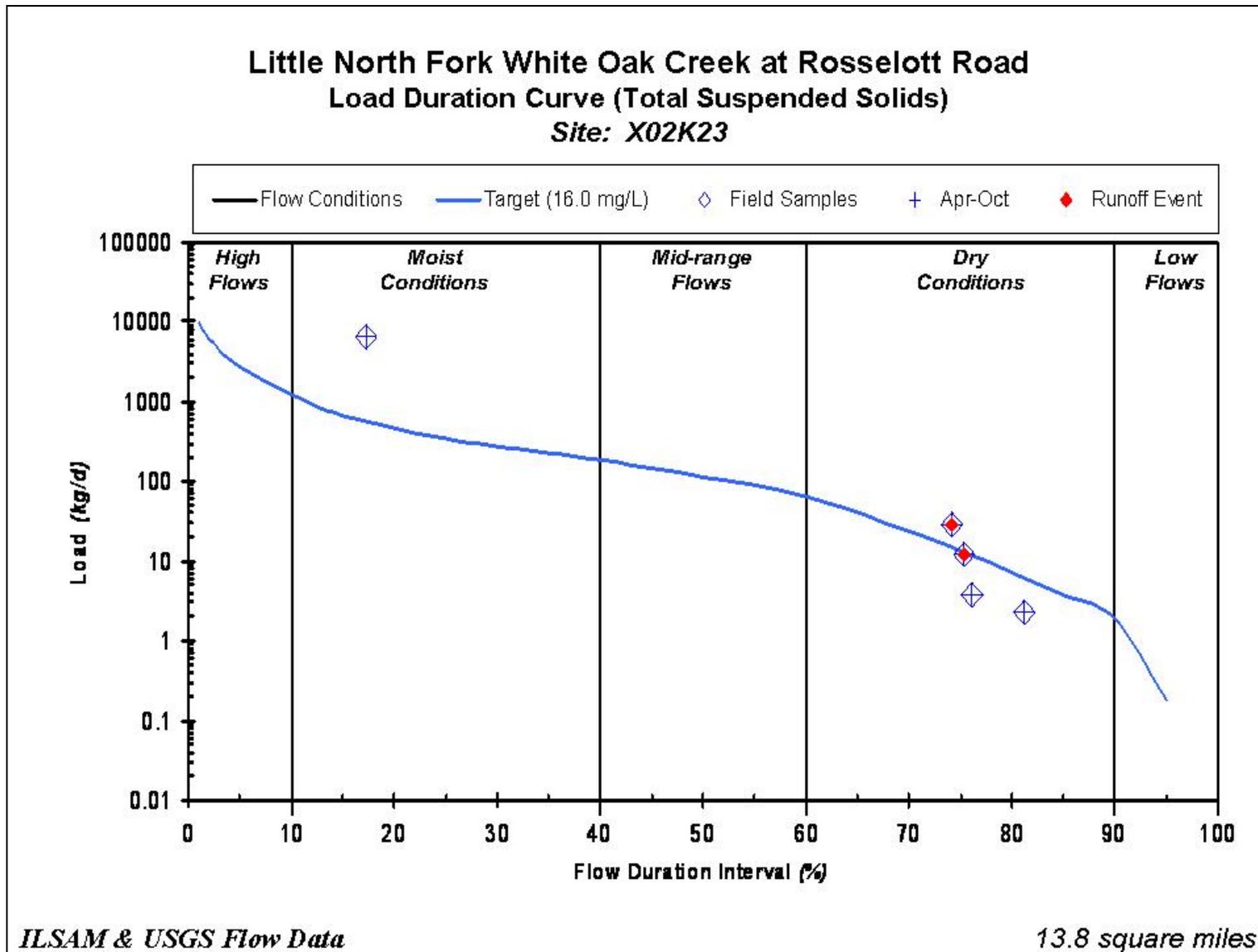


Figure B- 15. Load duration curve for total suspended solids at station X02K23.

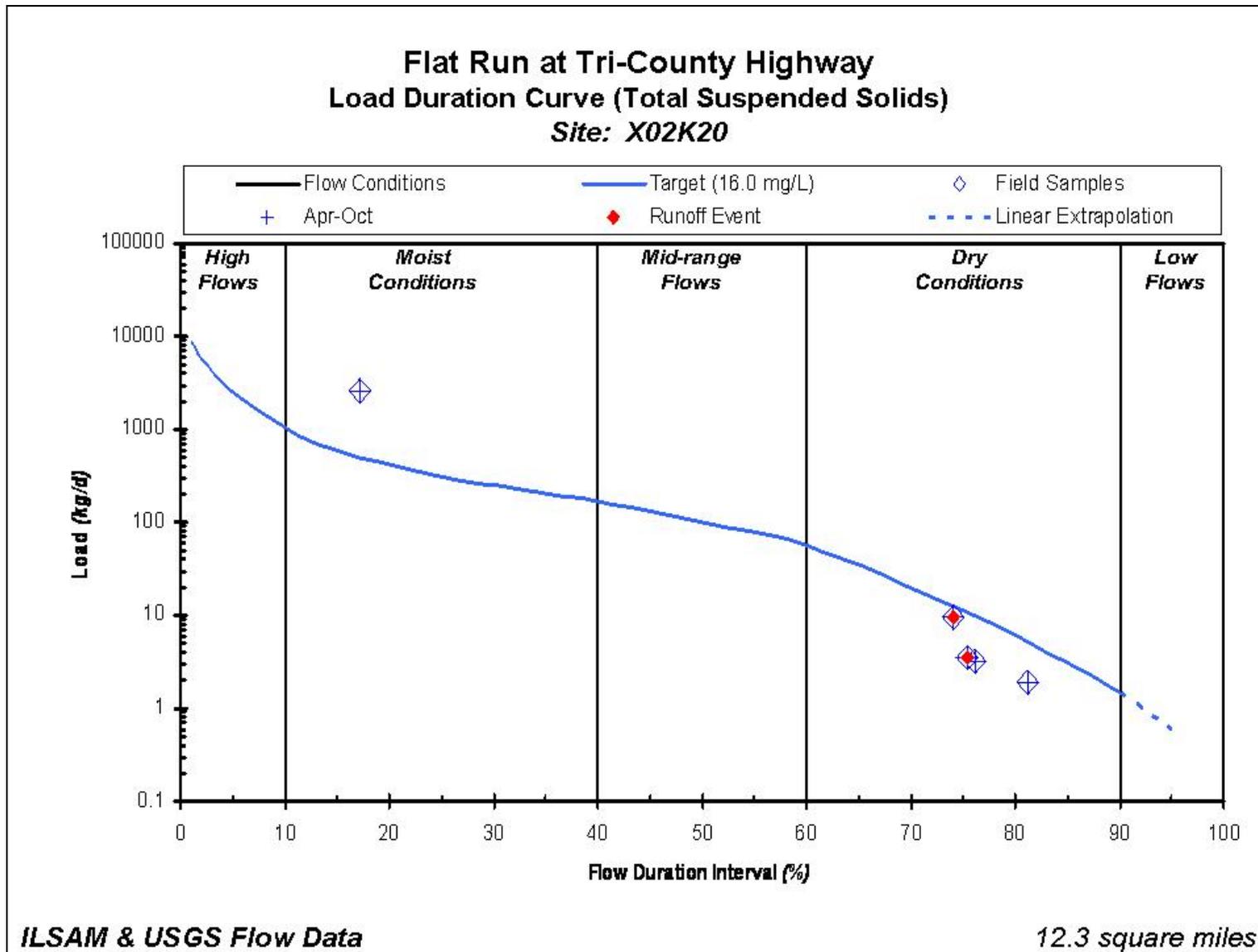


Figure B- 16. Load duration curve for total suspended solids at station X02K20.

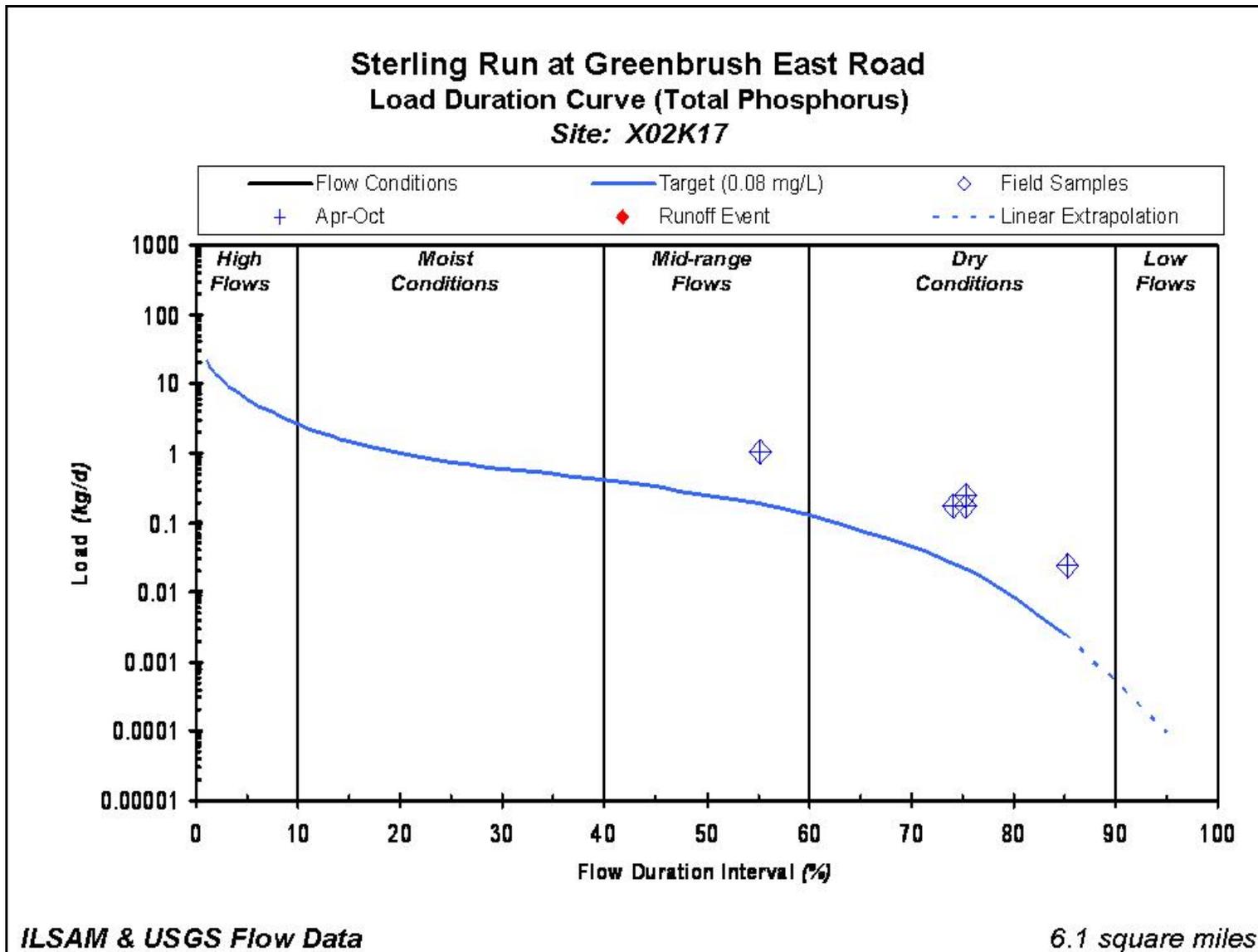


Figure B- 17. Load duration curve for total phosphorus at station X02K17.

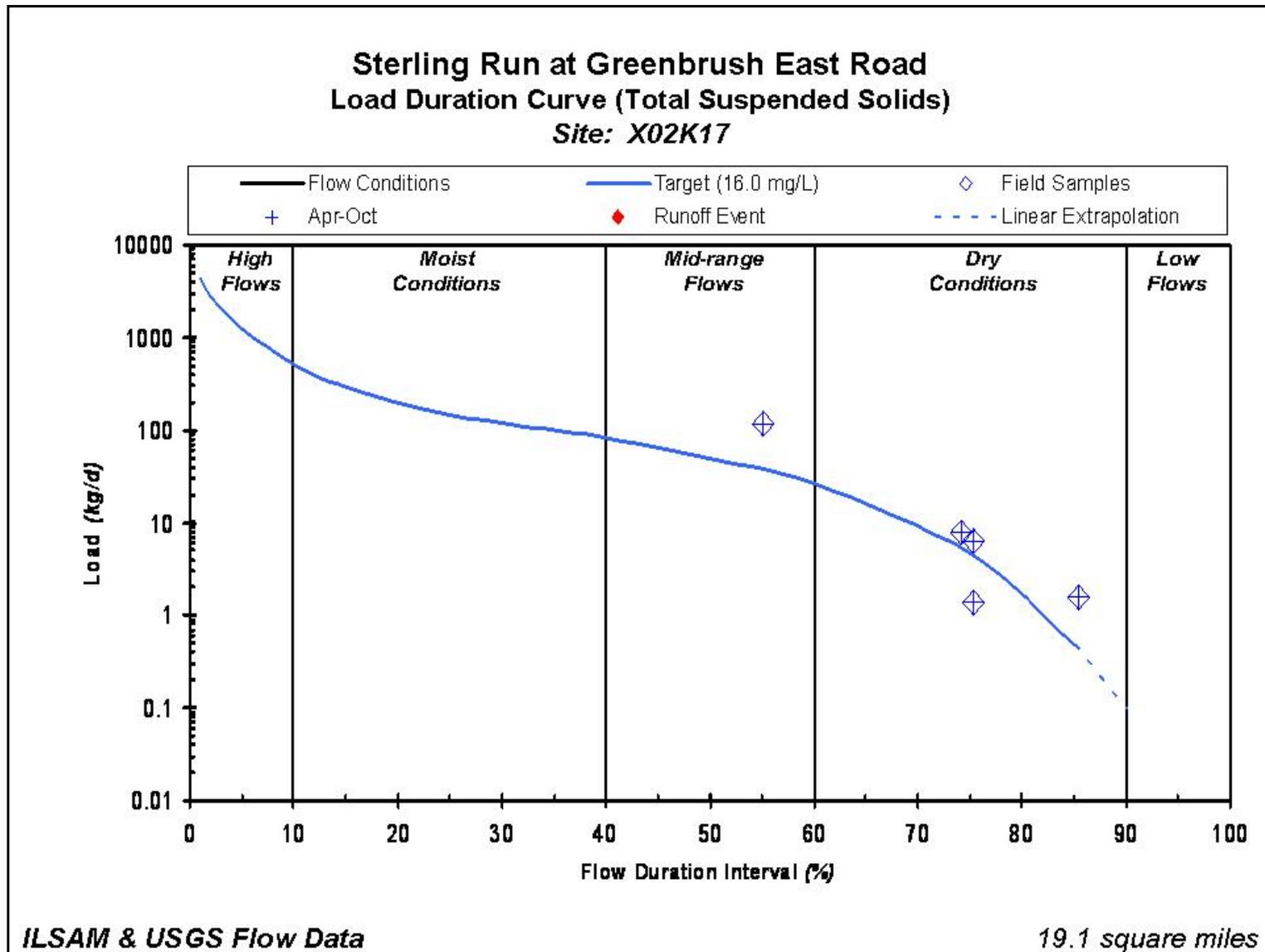
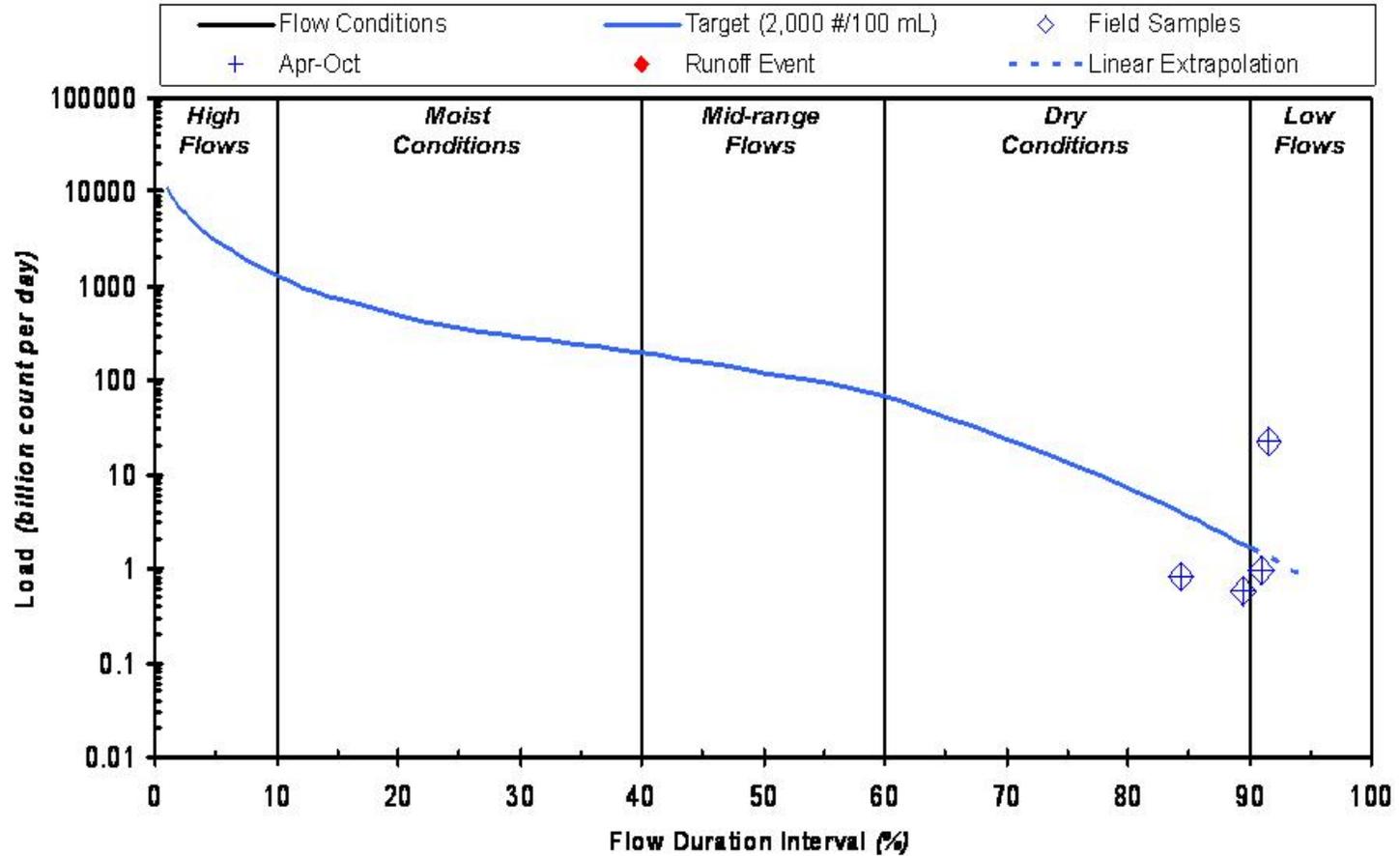


Figure B- 18. Load duration curve for total suspended solids at station X02K17.

**Sterling Run at US-68, Upstream of Mount Orab
Load Duration Curve (Fecal Coliform)
Site: X02W05**



ILSAM & USGS Flow Data

6.9 square miles

Figure B- 19. Load duration curve for fecal coliform at station X02W05.

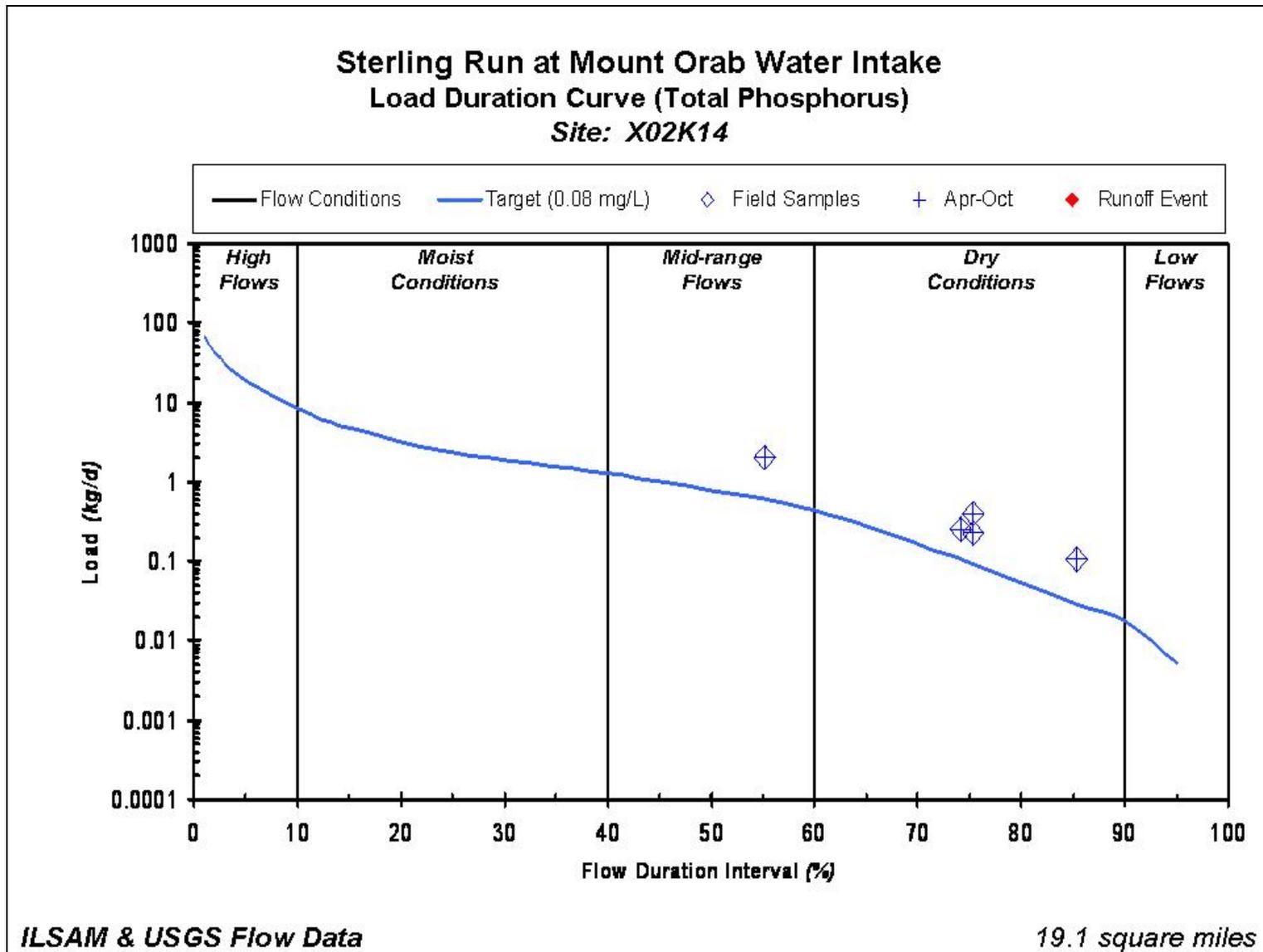


Figure B- 20. Load duration curve for total phosphorus at station X02K14.

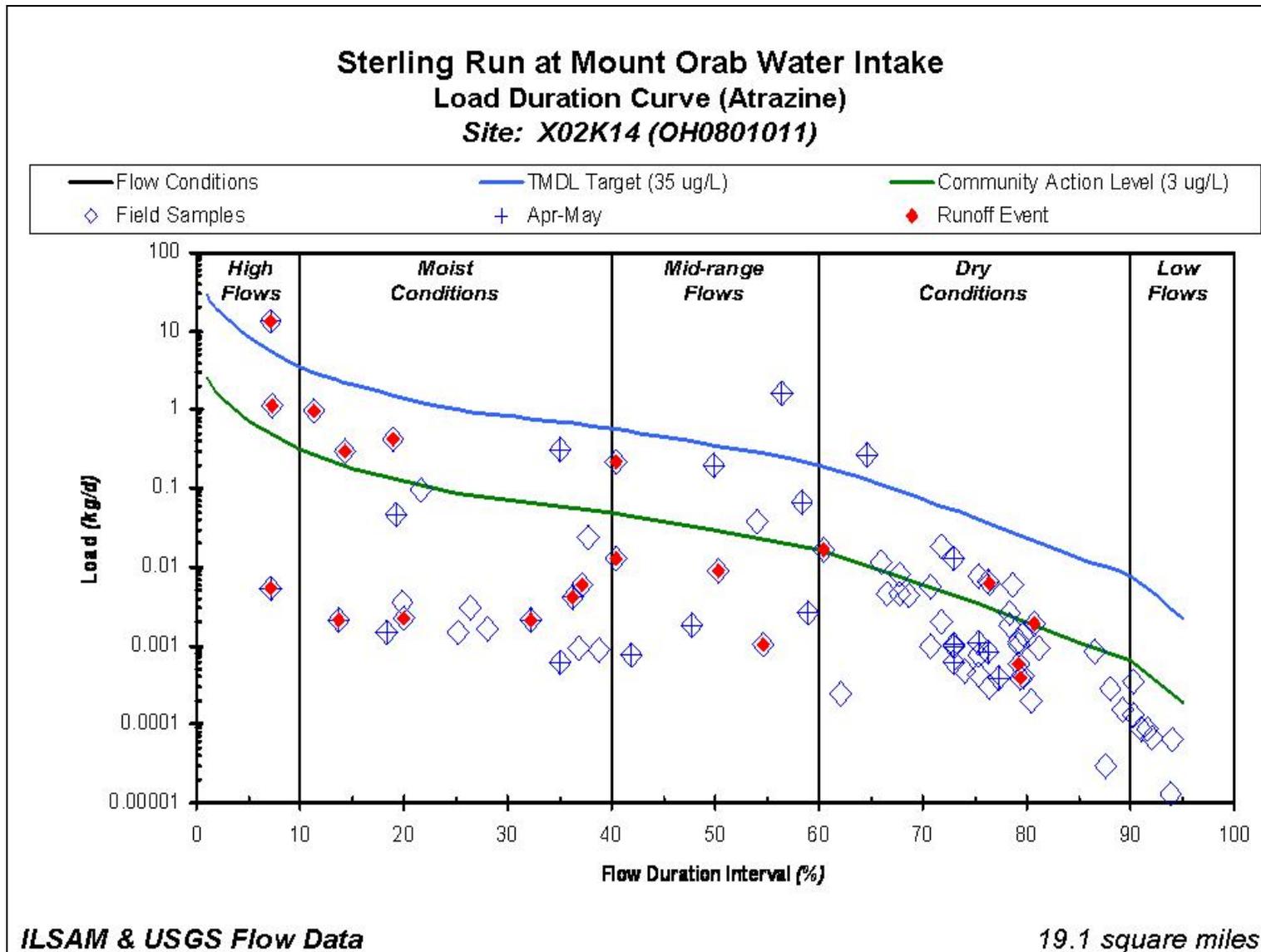


Figure B- 21. Load duration curve for available atrazine data at station X02K14.

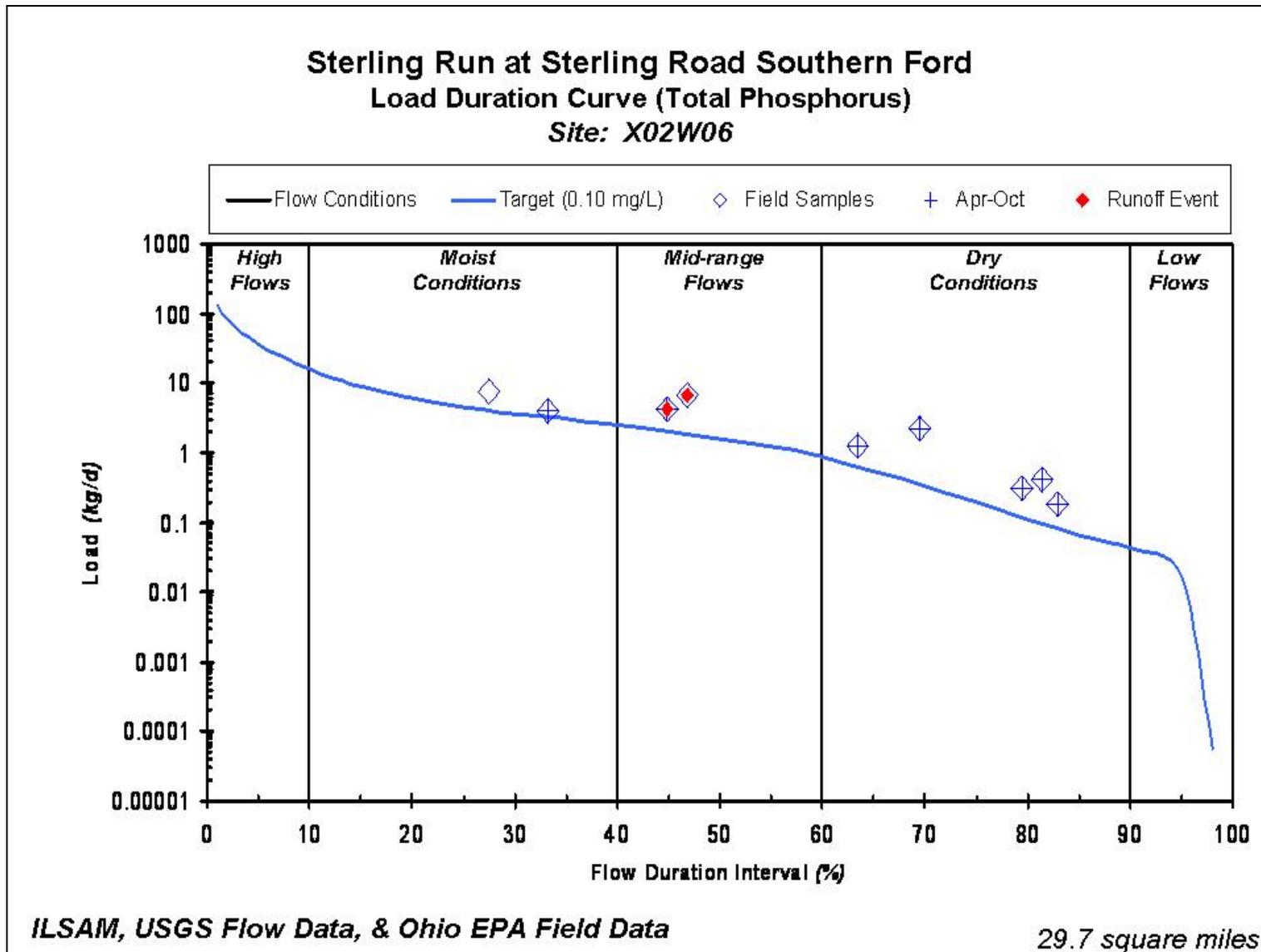


Figure B- 22. Load duration curve for total phosphorus at station X02W06.

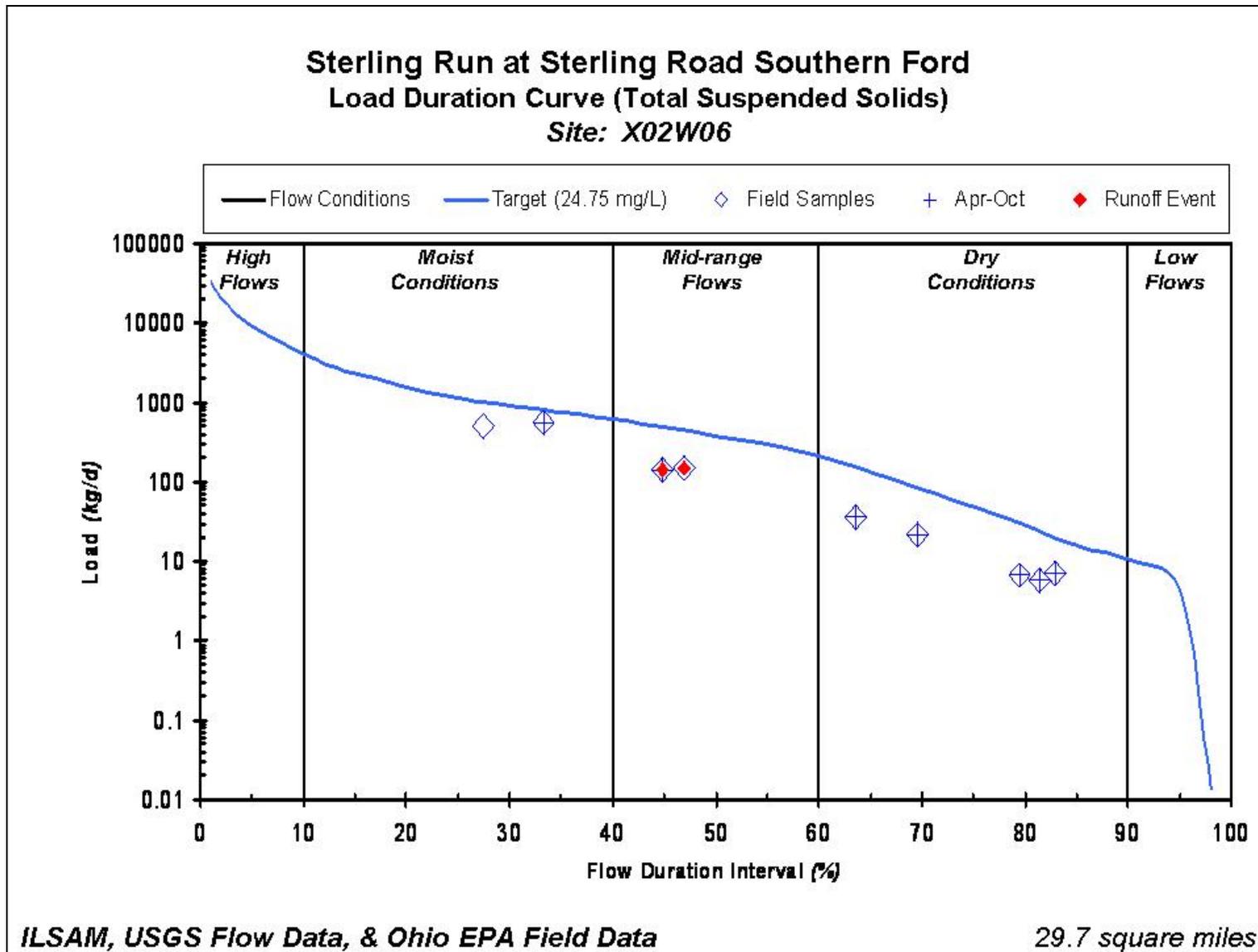


Figure B- 23. Load duration curve for total suspended solids at station X02W06.

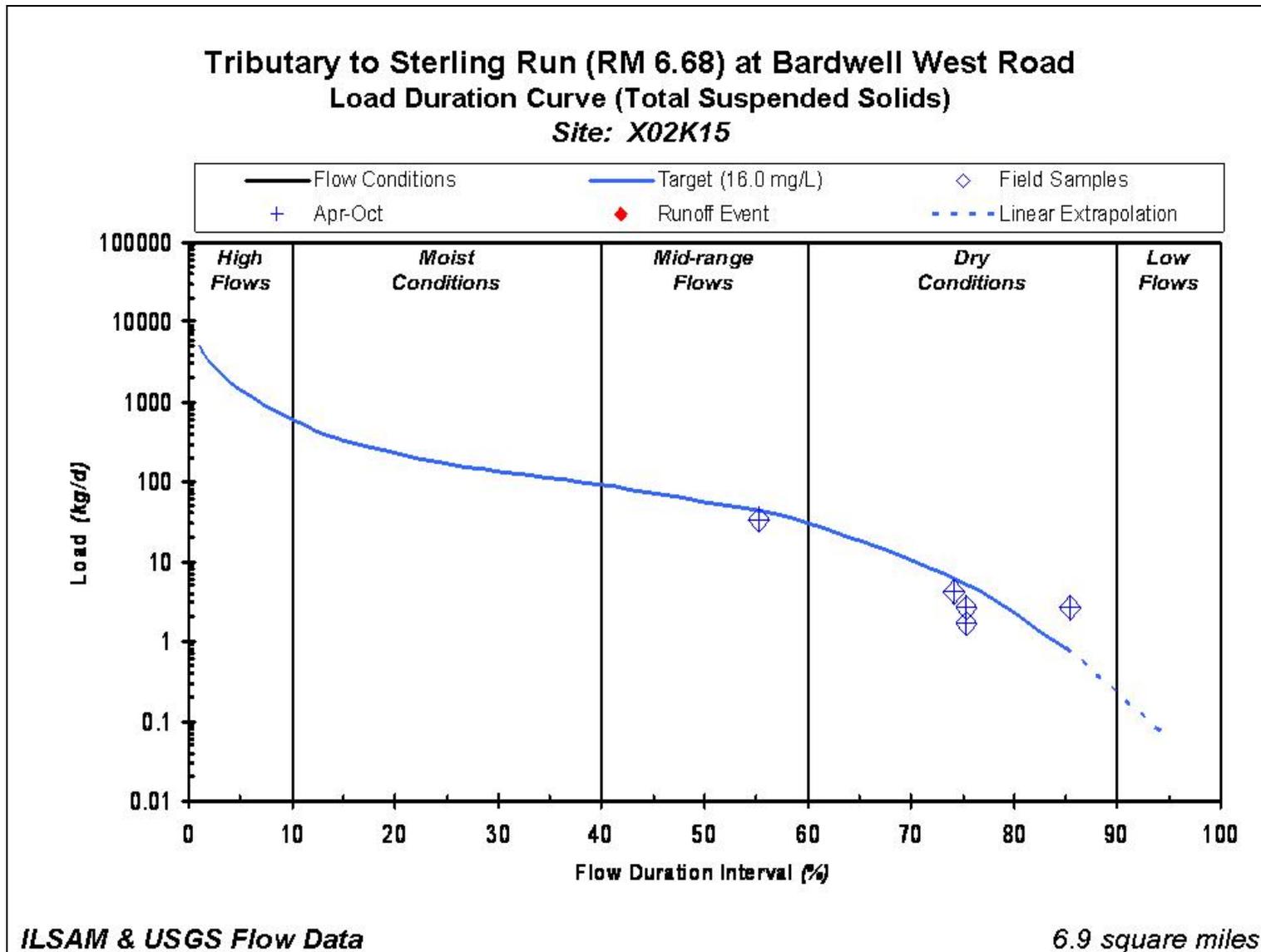


Figure B- 24. Load duration curve for total phosphorus at station X02K15.

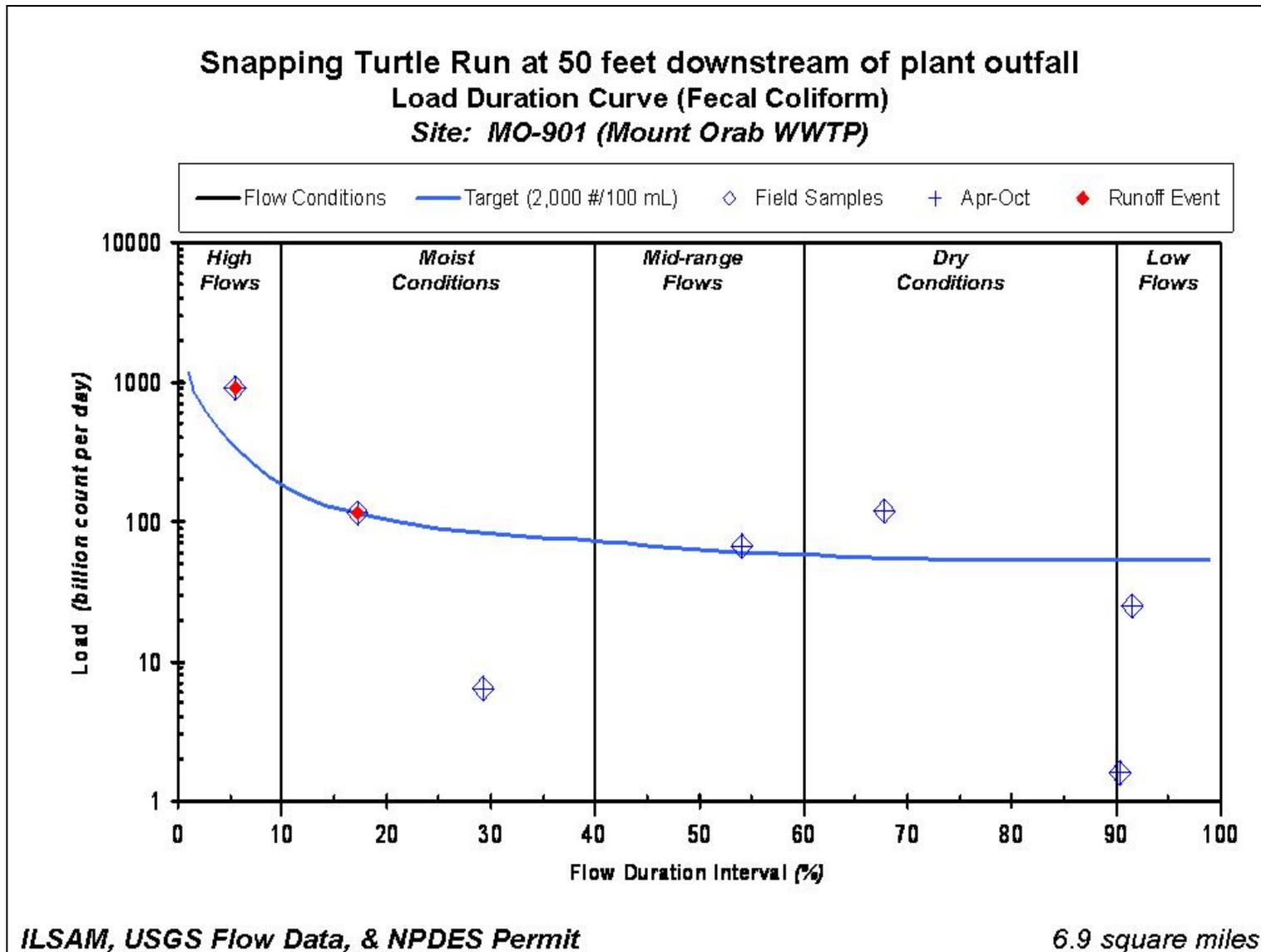
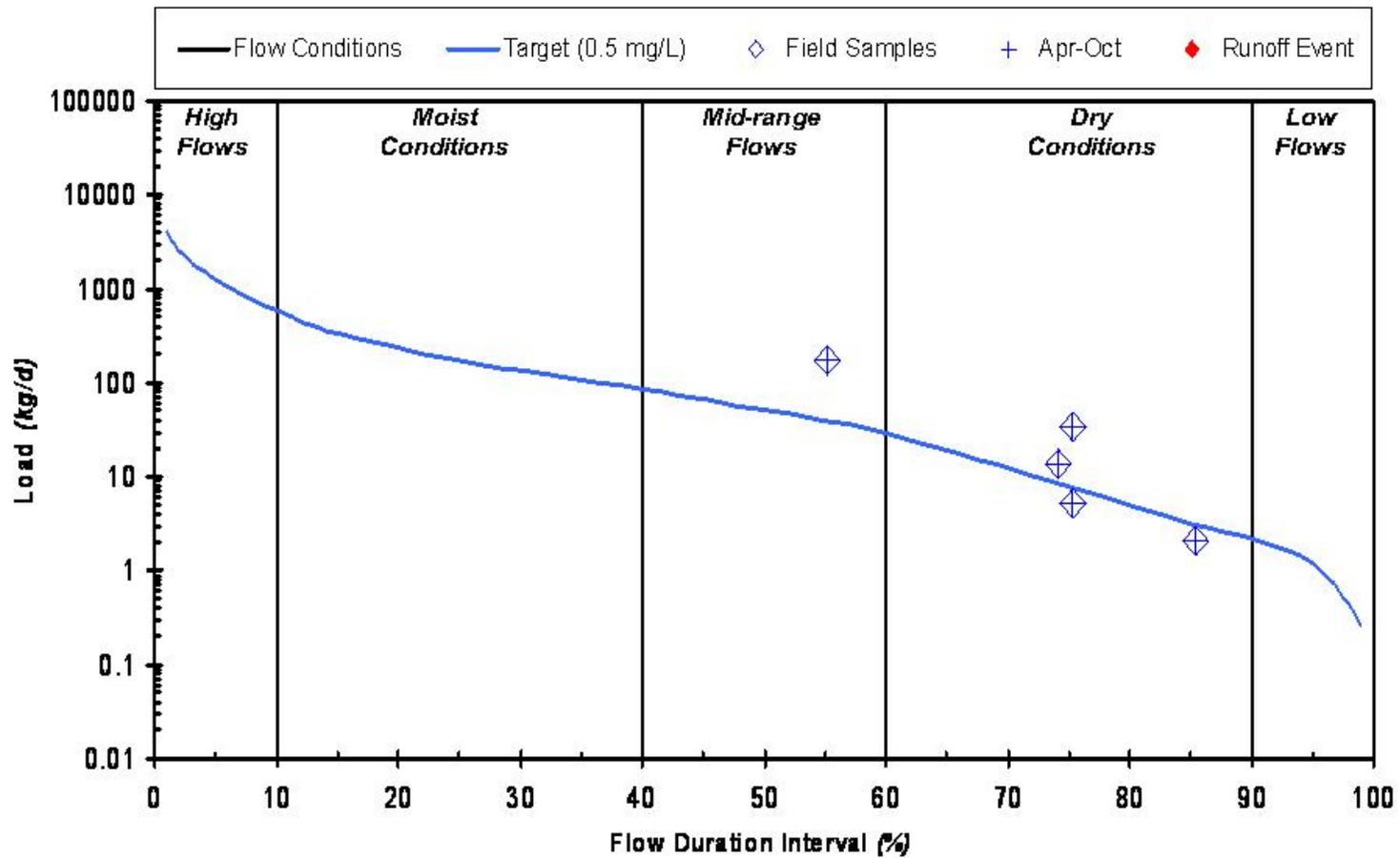


Figure B- 25. Load duration curve for fecal coliform downstream of Mount Orab WWTP.

**White Oak Creek at Bethel New Hope Road
Load Duration Curve (Nitrate plus Nitrite)
Site: X02K11**



ILSAM & USGS Flow Data

188 square miles

Figure B- 26. Load duration curve for nitrate plus nitrite at station X02K11.

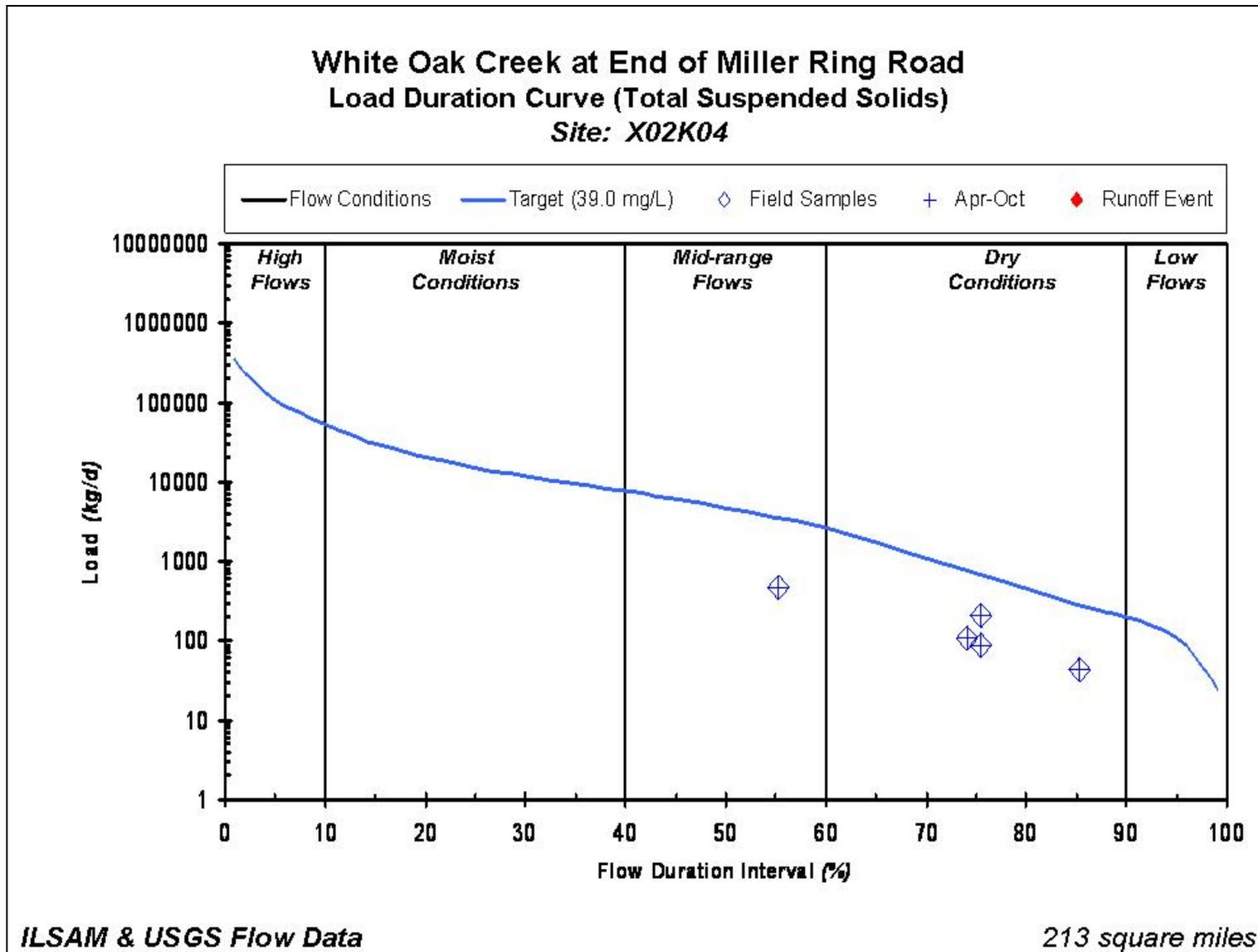


Figure B- 27. Load duration curve for total suspended solids at station X02K04.

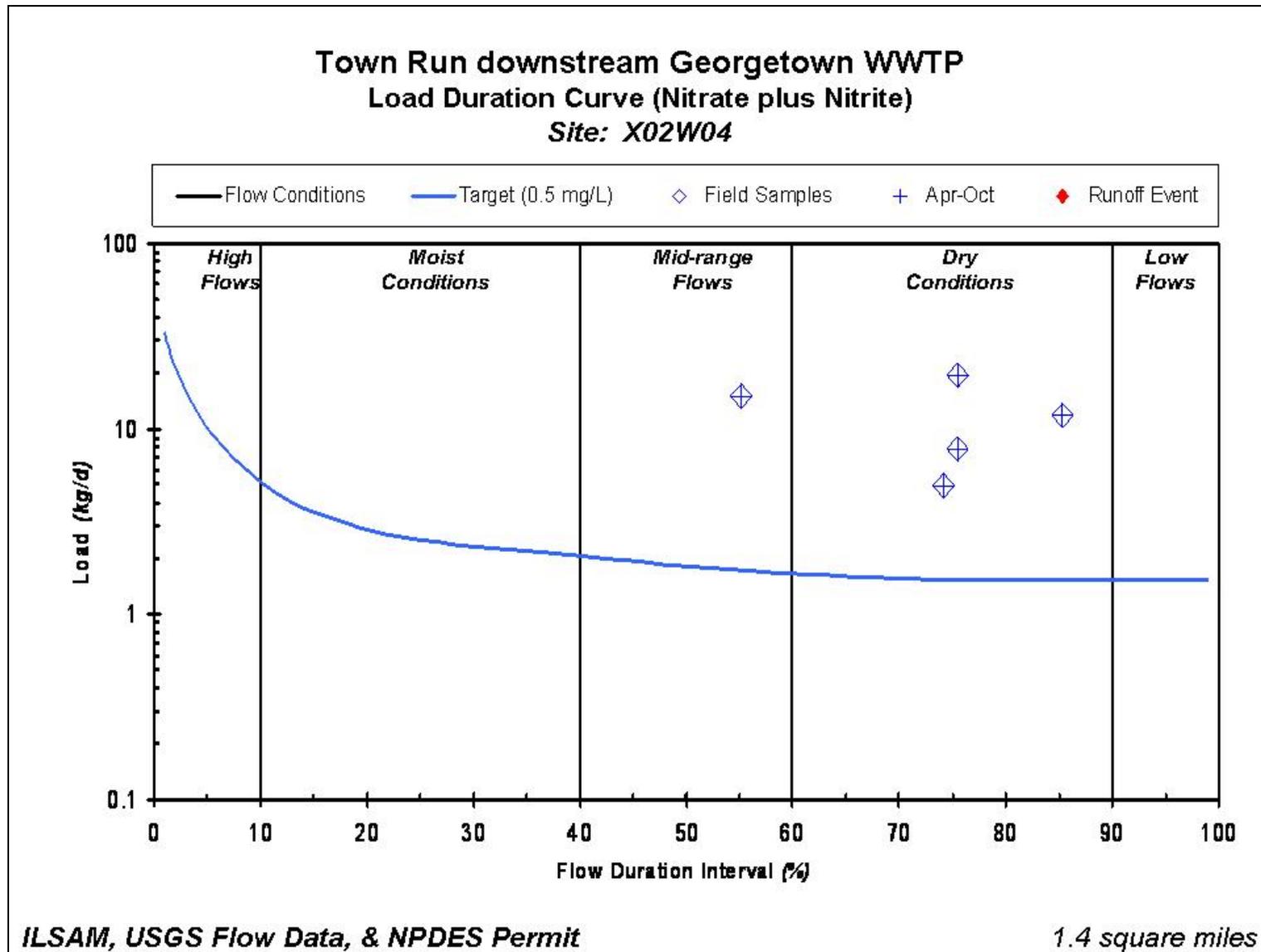


Figure B- 28. Load duration curve for nitrate plus nitrite at station X02W04.

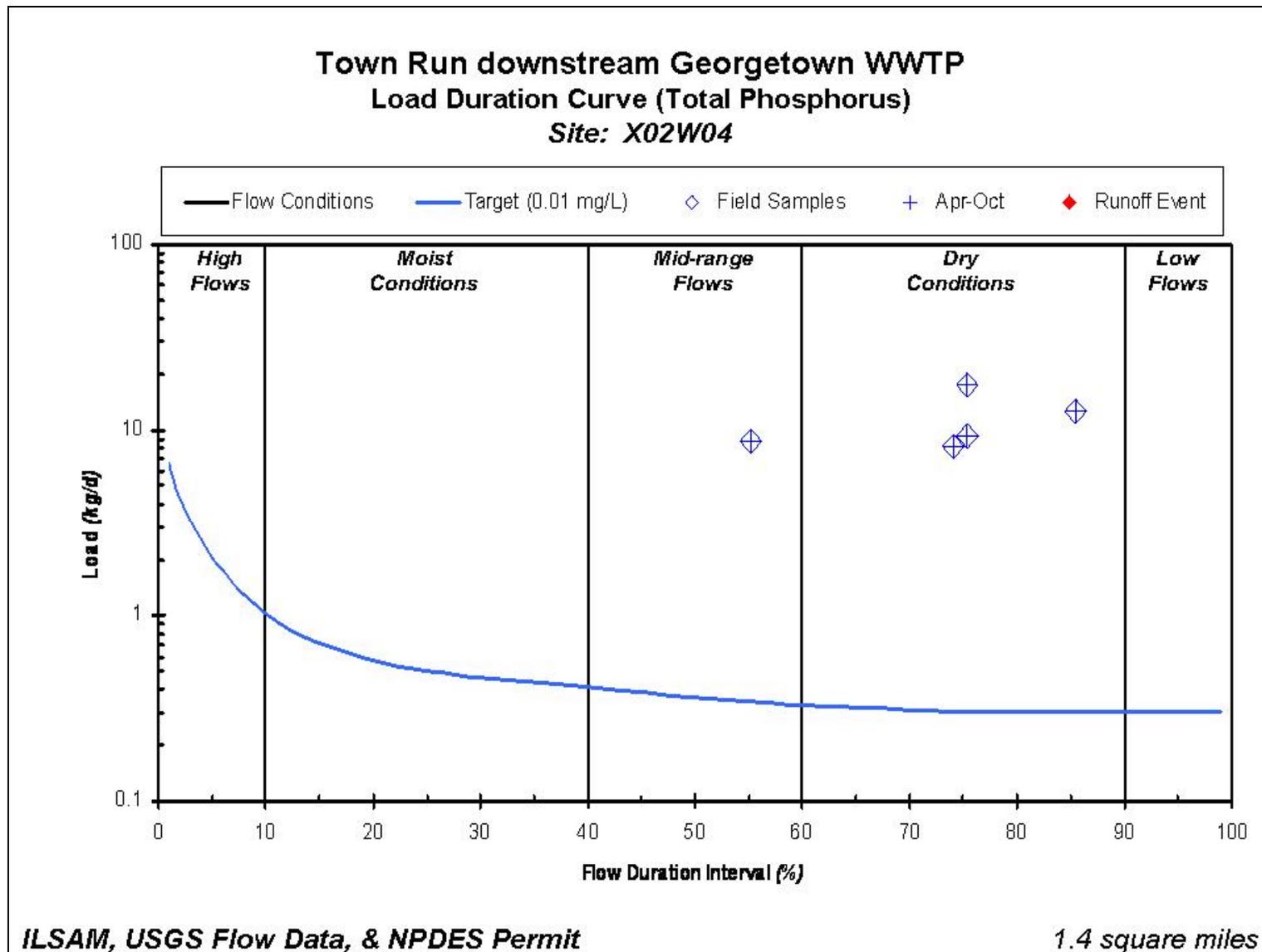


Figure B- 29. Load duration curve for total phosphorus at station X02W04.