

Title:**The Occurrence And The Future Of Trace Metals In Wastewater Streams
In The West Bank****Marwan Haddad**

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Abstract

Six major transboundary wastewater streams in the West Bank were monitored for twenty one trace metals and other chemical content. Stream-wastewater samples were collected for the six streams over four month's duration from September 2010, to February 2011 to cover dry and wet seasons. Each wastewater stream was sampled six times from the same location. Results indicate that samples collected were spatially different in quality for each stream reflecting the nature of water use and waste generated and drained from the various locations. Temporarily, samples collected had three trend natures: decreasing, small or no changes, and increasing from dry (fall) to wet (winter) season. Results are discussed separately relevant to each stream, to the monitoring season, to the spatial distribution, and to possible causative factors contributing to stream wastewater quality. A section on the way forward and the future of trace metals in wastewater streams in Palestine is included at the end of the paper.