

**Table 3-2**  
**Seneca Meadows, Inc.**  
**Landfill Expansion DGEIS**  
**Leachate Quality Data (2004)**  
**(in mg / L except as noted)**

Parameter	Average for Leachate Wells (April 2004) <sup>1</sup>	Average for Leachate Wells (October 2004) <sup>2</sup>	Typical Leachate Parameter Values <sup>3</sup>
TDS	23,200	27,405	584 - 55,000
BOD <sub>5</sub>	2,260	913.5	ND - 195,000
COD	21,925	31,336.25	6.6 - 99,000
TOC	9,292.50	843.75	ND - 40,000
pH	7.55	6.69	3.7 - 8.9 units
Chloride	2,552.50	4,065	2 - 11,375
Nitrate-N	0.50	1,390.75	ND - 250
Sulfate	369.25	1,249.97	ND - 1,850
Lead	0.009	0.184	ND - 14.2
Chromium	0.251	0.257	ND - 5.6
Copper	0.046	0.003	ND - 9.0
Arsenic	0.019	0.062	ND - 70.2
Silver	0.021	0.009	ND - 1.96
Mercury	0.004	0.003	ND - 3.0

*Source: Seneca Meadows Landfill 2004 Annual Report, SMI, March 2005.*

<sup>1</sup> Leachate wells LW-7, LW-12, LW-17 and A/B-3 were sampled in April 2004.

<sup>2</sup> Leachate wells LW-7, LW-13, LW-17 and A/B-1 were sampled in October 2004.

<sup>3</sup> Based on McGinley and Kmet (1984), Lu et. al (1981) and Tharp (1991) as presented by Bagchi (1994).