

Service Schedule

A	Site Safety and Regulatory Compliance
	Derwent Water Services Ltd. to advise site contact one week prior to intended visit date.
<input type="checkbox"/>	1 Register with security or reception before proceeding to site.
<input type="checkbox"/>	2 Register with site contact and obtain permit to work.
<input type="checkbox"/>	3 Inform site of any electrical or mechanical isolation.
<input type="checkbox"/>	4 Inform site of interruption of water supply to service (for regeneration).
<input type="checkbox"/>	5 Inform site that site services have been restored on completion of work. Contact site responsible person. Discuss findings and actions. Obtain signature and leave completed report.

B	Service schedule for Softening Unit
<input type="checkbox"/>	6 Discuss and examine previous site softened water results.
<input type="checkbox"/>	7 Carry out on-site test of softened and make-up water for total hardness. Establish if any change in raw water composition has occurred since previous service visit.
<input type="checkbox"/>	8 Confirm that plant regeneration capacities for both time and meter are correct and record. Record batch water meter reading.
<input type="checkbox"/>	9 Inspect general condition of unit and associated plant for leaks or general wear and tear.
<input type="checkbox"/>	10 Where possible, with units with water pressure gauges fitted, check pressures before and after softener. Confirm that the pressure on the inlet is both correct for brine draw and to achieve required flows to header tank or similar. Record water pressures.
<input type="checkbox"/>	11 Inspect and service the softener control valve (Fleck, SIATA or similar). Clean, grease and check all seals/diaphragms and moving parts on the control head. For SIATA, remove each port and check/replace "O" seals, as required.
<input type="checkbox"/>	12 For softeners using diaphragm valves on a manifold for plant regeneration and service flow, e.g.... S.E.D. valves, these diaphragm valves to be sequentially inspected and made good, as necessary.
<input type="checkbox"/>	13 On at least an ANNUAL basis, remove softener head and check resin bed depth. Take sample of resin for analysis to establish if resin is cracked or fouled (organic or inorganic).
<input type="checkbox"/>	14 Where applicable, check and dismantle brine draw valve, eductor and brine check valve.
<input type="checkbox"/>	15 Check strength of regenerant and record (brine).
<input type="checkbox"/>	16 Carry out a plant regeneration for the purpose of establishing: <ul style="list-style-type: none"> <input type="checkbox"/> Correct brine draw and air check <input type="checkbox"/> Correct salt tank re-fill <input type="checkbox"/> Performance of control heads <input type="checkbox"/> Resin loss during regeneration <input type="checkbox"/> Solenoid operation Return unit to service and confirm softened water outlet quality.
<input type="checkbox"/>	17 Identify and bring to the attention of the site responsible person any areas for improvement or items in need of attending to, either imminently or at next service.
<input type="checkbox"/>	18 Leave a report on site on the above and obtain signature and confirm next service date.

Information contained on this leaflet is correct at the time of print. Derwent Water Services Ltd. reserves the right to change specifications without notice.

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