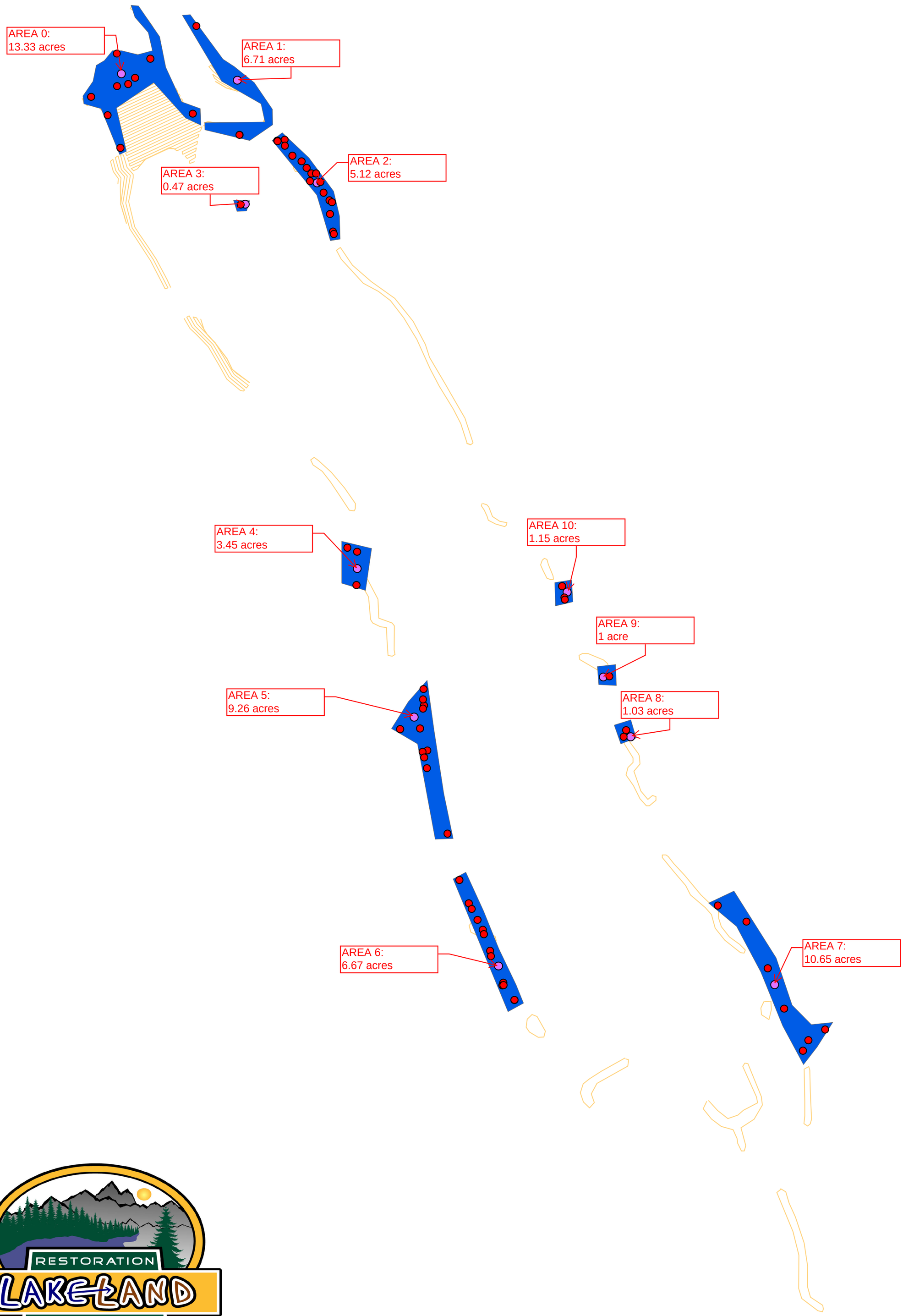ELOIKA LAKE 2011 PRE-TREATMENT