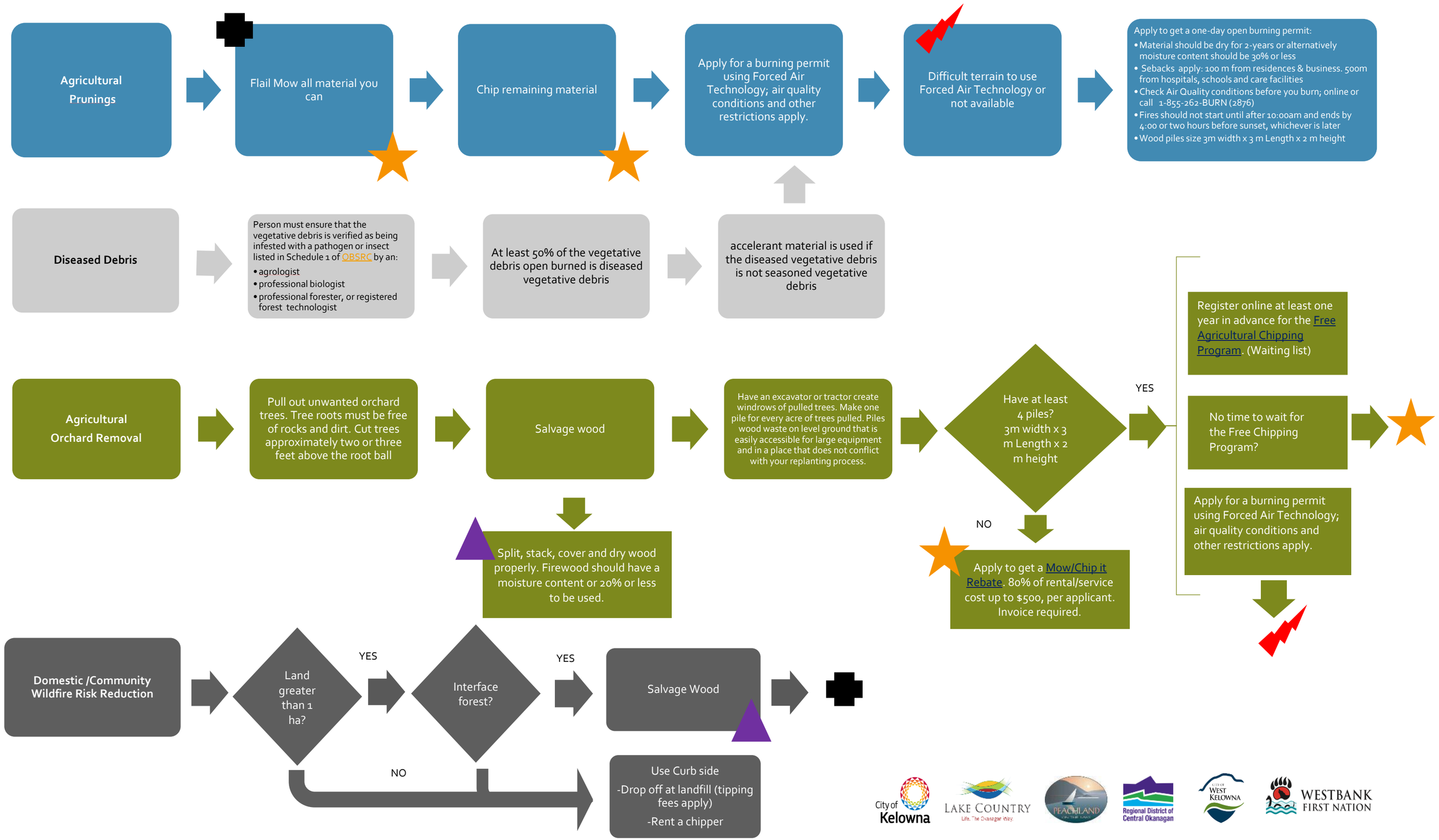ALTERNATIVES TO MINIMIZE SMOKE