

Town of Hinesburg Water Source Study December 2013
Possible Sites for New Town Well(s)

| Site | Site Conditions | Land Cost | Distance to Distribution System (Approx.) | Total Project cost from Water Source Feasibility Study June 2013 | Update as of Feb 2014 |
|---|--|------------------------|---|--|---|
| Bissonette Parcel | Very tight with isolation distance security concerns with public parking and access. Blackrock will have to build distribution system to tie into well | N/A- will be Town Land | 400 feet | N/A | PSOC- fertilizers/security concerns with both well and control/treatment building |
| In Rec Field Area | Good for isolation distance and security- will need access road (with power and distribution piping) possible wetland issues Blackrock will have to build distribution system to tie into well | Unknown | 1200-1500 feet | N/A | Rare clay plain forest, wetland to go through, big culvert/bridge needed, road/ power/ distribution piping WB expensive. Would become major trail |
| Parcel west of Rec Field in wooded area | | | | | |
| NRG Property-116 | Close to existing distribution system, possible wetland issues | Unknown | 200-400 feet | N/A | Future build out plans would make it tough to site well and control building |
| Munson property-116 | Very high yield well on property. Need to bore under 116 to tie into distribution system. PSOC's- auto repair shops and uphill septic systems might have to be eliminated by connection to Town WWater | \$375,000 | 500-600 feet | \$2,000,000 | Expensive to develop because of cost of land, PSOC's and eliminating septic systems |
| Russell property-Buck Hill Rd | Similar to Munson but further away to tie into distribution system | Unknown | 1200-1500 feet | N/A | Similar to Munson |
| Baptist Lot-Silver St | Possible wetland issues, good for isolation distance. Will have to bore approx. 1500 feet under wetlands, Laplatte and HCS parking | Unknown | 2500 feet | N/A | Expensive to develop; in future main in difficult place to access under Laplatte |
| Lavigne/Buck Hill area | Some high yielding wells in this area. Very long distance and no easy way to tie into distribution system | Unknown | 4000 feet plus | N/A | Expensive to develop, land and easement costs for almost a mile to tie into distribution-no customers |
| Connection to Champlain Water District (See separate sheet) | Approx. 9 miles of piping needed, Easements/Agreements with South Burlington and Shelburne needed Cost Prohibitive | | | \$10,700,000 | Cost Prohibitive |
| Norris property-116 | Very tight for isolation distance, wetlands have been delineated, will discuss with regulators | Unknown | 600 feet | N/A | Recommend test well |
| Wainer property- garage on south side of Shelburne Falls Rd | High yielding artesian well onsite but very hard water and high in iron-might need treatment. Good for isolation distance and close to existing distribution system. | Unknown | 350 feet | N/A | Recommend test well |
| Geprags Park-Shelburne Falls Rd | 2 existing high yield wells but under influence of surface water. Wells are long way away from Shelburne Falls Rd. Other potential sites to drill | N/A- Town Land | 2100 feet | \$600,000-\$810,000 | Recommend develop existing well #2 and/or drill test well |