

Solar Water Heating System Site Survey

Date: _____



www.eos-solar.ca

Name: _____
Address: _____
Phone: _____
Email: _____

Request for: Domestic Hot Water
(check box) Space Heating
 Pool Heating

New or Existing Home: _____
Year of Construction: _____
Square Ft of Living Space: _____
Number of Stories: _____

Number of full time occupants: _____

Type of Construction: (ICF, SIPS, Stick Built...) _____

Insulation type and values for walls and ceilings: _____

Current heat source for space heating: (propane, nat. gas, oil, electric) _____

Current heat delivery system: (radiant, baseboard, steam, forced air) _____ Temp of loop: _____

Btu output of existing system: _____ Boiler temp set at: _____ Efficiency: _____

Has a heat load analysis on the home been done: _____ Requirement in BTUs: _____

Do you have a monthly record of fuel use: _____ Yearly Total: _____

Current Utility Cost. (per unit) Oil: \$ _____ per value Propane: \$ _____ per value
Gas: \$ _____ per value Electric: \$ _____ per kwh

Does home have significant solar gain: _____ Roof Structure: (2x4, 2x6, trusses...) _____

Is there a south facing roof: _____ If yes, what is the available area on roof for collectors? (L x W) _____

Roof pitch: (16/12) _____ Roof surface: (Asphalt Shingles, Standing Seam) _____

Accessible unfinished attic space or cathedral ceiling: _____

Are there any shading concerns: (trees, buildings, etc.) _____

If roof mounting is not acceptable, is it possible ground mount or wall mount collectors: _____

Can pipes be run from tank location to collectors: _____ Will pipes be external or internal to the house: _____

Is there an existing pipe chase: _____ Hot water consumption per day: _____

Current heat source for Domestic Hot Water: _____

Existing DHW storage tank: _____ Volume of existing storage tank: _____

Direct or indirect tank: _____ Model/Make of tank: _____ Age of tank: _____

DHW piping insulated: _____ Anti-scald valve existing on DHW system: _____

Distance from SDHW tank to DHW tank: _____

Available area in sq. ft. for storage tank: _____ Distance from collector location to tank location: _____

How can we get SDHW tank into basement: _____

Distance from SDHW tank to available power supply: _____

Does home have hot water recirculation: _____ Is current DHW adequate for family needs: _____

Size of existing cold water supply pipe: _____



Swimming Pool Worksheet

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Pool Use: (public or private) _____

Pool Type: (indoor or outdoor) _____ Pool Size: _____

Pool Avg Depth: _____ Gallons: _____

Months Open: _____ Hours open: _____ Pool Temp: _____

Cover used: _____ Type of cover: _____ Hours used: _____

Color of pool liner: _____ Protected from wind: _____ How: _____

Is pool shaded: _____ Thermal blanket used: _____

Average # of swimmers a day: _____ Fresh water make-up added a day: _____ Temp: _____

Type of Building: _____

Temp of Building: _____ Moisture control: _____

Existing pool heating system information:

Heated: _____ Not heated: _____

Fuel type: _____

Cost of fuel: _____

Annual cost to heat pool: _____

Type of system: _____

BTU's output of system: _____

24 hour Requirement of pool load in BTUs: _____

CONTRACTOR INFORMATION:

Company: _____

Name: _____

Address: _____

Phone: _____

Email: _____

Supplier Information:

Company: _____

Name: _____

Address: _____

Phone: _____

Email: _____

Use this space to sketch the house, shading, and the proposed solar installation.

Notes: