HAULED WATER APPROVAL CHECKLIST

Applicant: ________________________________  Telephone: ________________

Parcel Identification Number (PIN): ______________________________

The design for a hauled water system is required to contain the following information:

☐*1. A scaled layout sketch of the system showing the system design.

☐ *2. Description of how the system works and a list of the system components, their uses and the number of persons the system is designed for (include with Operations and Maintenance Plan).

☐*3. An approved Operation and Maintenance Plan (containing at a minimum of the items listed in attachment A). This can be included on page 2 of the Declaration of Covenant for an Alternative (Non-Standard) Water Source and must be recorded with County Auditor after approval of water system design.

☐*4. A completed water budget (see attachment A).

☐ 5. Materials Used (must comply with NSF, FDA, or AWWA Drinking Water Standards for potable water (include model #, manufacturer and NSF, FDA, or AWWA certification):

☐ A. Water Storage tanks (storage tanks must have an air gap connection to prevent cross-contamination between tank and water truck transporter).

   Type: _____________________________________________________.
   Qty: ________________ Size(s): __________________________

☐ B. Disinfection (chlorination, ozone or ultraviolet [ozone and ultraviolet units must have a system failure warning device]).

   Type: ____________________________________________________.

☐ C. Filtration (see Appendix A, page 4 Filtration for Household Use for specifics):

   ________________________________________________________.

☐ 6. Licensed Water Truck Transporter: ________________________________.

☐ 7. A completed Declaration of Covenant of an Alternative (non-standard) Water Source. The covenant must be recorded with County Auditor after approval of the design of the hauled water system by San Juan County Health & Community Services.

*To be attached to and recorded with the Declaration of an Alternative Water Source.

For further information on hauled water see pages 2 & 4 of Appendix A of the Rules and Regulations of the San Juan County Board of Health Regarding Water Wells and Water systems: Guidelines for Hauled Water Storage & Filtration for Household Use.
Attachment A

Water Budget

Step 1
Number of users: ________
Gallons per day/person: ________
Gallons per day: ________ (users x gpd / p = )

Step 2
Gallons per day: ________ (see total for step 1)
Days in residence/year: x ________
Total water use per year (gal): ________ (gpd x days of use = )

Step 3
Total water use per year: ________ (see total for step 2)
Water delivery in gallons: ________
Water deliveries per year (est.): ________ (yearly water use divided by water delivery total=)

Step 4
Total water use per year (gal): ________ (see total for step 2)
# of water deliveries per year: ________ (see total for step 3)
Size of water tank (minimum): ________ (divide total water use by Water deliveries per year)

MINIMUM STORAGE CAPACITY NEEDED: ________ (see total for step 4).

ESTIMATED WATER DELIVERIES PER YEAR: ________ (see step 3 – total used to calculate yearly water costs).

Operation and Maintenance Plan

Storage Tanks: Should be inspected each time they are filled for sediment build-up and cleaned and disinfected as needed or at least once per year.

Filtration: Operation and maintenance of the filtration system is critical. If proper maintenance is not followed, contaminants can pass through the filter and/or collect and multiply on the filter’s surface. Specific maintenance schedules are based on manufacturer’s recommendation.

Disinfection: If manually chlorinated, describe procedure. Homeowners using chlorine should test for a chlorine residual daily with an appropriate test kit. A free chlorine range of 0.2 to 0.6 ppm is recommended. All other types of disinfection (automatic chlorinator, ozone, ultraviolet) will have specific maintenance schedules based on manufacturer’s recommendations.

System parts: All valves, joints, pumps and fittings shall be routinely inspected during Maintenance of other components to insure leak-proof operation of the system.

Specifications and design for this system are on file with San Juan County Health & Community Services.