



APPLICATION TO CONSTRUCT A NEW PUBLIC WATER SYSTEM

Utility Name _____ Submitted by _____ Date _____

Thank you for developing new safe and sustainable water sources. The following information is required under American Samoa Primary Safe Drinking Water Standards (ASPDWS) 25.0403.2 and 25.0403.5, Ten States Standards 1997 and professional engineering standards.

AS-EPA review and approval will commence following submittal of the required information. Please allow 15 Business Days for preliminary review to determine sufficiency of application and an additional 15 Business Days for final review and site visit.

Well Information

Location of the proposed well coordinates: Longitude: Latitude:

Proposed Number of the Well: Village:

Proposed Elevation of Top of Casing : FAMSL (Feet Above Mean Sea Level)

Proposed Depth of Grouted Surface Casing: FBS (Feet Below Ground Surface)

Grouting Method: Grout Material:

Casing Material:

Screen Material:

UTM 1969 Coordinates: North: South:

Geologic Stratigraphy:

Aquifer Units:

Proposed Depth of Open Hole: Proposed Depth of Screen:

Casing Dimensions:

Screen Dimensions:

Proposed Pump Setting Depth:

Well Construction Diagram (Please attach this document and label it as Attachment A)

Anticipated Range of Yield: GPM to GPM

Targeted Zone of Production: FBS to FBS

Estimated Static Water Level: FBS

Proposed Well Location on a map illustrating items a - e (Please attach this document and label it as Attachment B)

- a) Surrounding urban features at a scale ratio of 1 to 24000 or less
- b) Estimated Area Of Recharge illustrated on the same map
- c) Reference Area of Recharge Estimates by Publication or Revised Method
- d) Up gradient contamination sources including septic tanks and sewer lines on the same map
- e) Nearest 3 Water Wells active and abandoned
- f) Other appropriate information

Well Head Improvement Construction Plans (Please attach this document and label it Attachment C)

Proposed Top of Slab Elevation:

Proposed Drilling Date:

Construction Reporting Requirements

Driller in charge: Contact Number:

Principle Ground Water Professional:

Type of Drilling Fluid:

Discharge Path of Drilling Fluid:

Disposal of Drilling Fluids:

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Material Safety Data Sheets of Additives: (Please attach this document and label it as Attachment D)

Stockpile Erosion Best Management Practices:

Sample Recovery Every 10 Feet and at Primary Formation Change:

Drillers Log: (ex: Vertical speed, Hydraulic Weight, RPM, Formation Change and Fluid Budget)

Lithologic Log:

Optional Logs (TV, Caliper, Spinner, Geophysical Logs):

Static Water Level Measurement (every night, morning and between down times):

Proposed casing height above top of slab (18 inch min):

Distribution System Connection Information

Distance to System Connection:	Main Line:	Storage Tank:	First Service Connection:
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Illustration (isometric sketch) of Valves & Piping (Please attach this document and label it as Attachment E)

Thank you for developing new safe and sustainable water sources.

If you have any questions, please contact AS-EPA Water Program at 633-2304.