

APPLICATION FOR STRUCTURE PERMIT FOR SPRINKLER SUMP/METER

1. Date _____
2. Applicant's name _____
3. Landowner's name _____
4. Mailing Address _____
Telephone # _____ Email _____
5. Preferred contact method: Mail _____ Email _____
6. Name of District Facility affected by proposed structure: Lateral _____ Drain _____
7. Location of proposed structure: APN# _____
Address: _____
8. Briefly describe proposed structure (if installing pump please include pump capacity, & Gallons Per Minute/HP/type of motor)

9. Approximate irrigation cycle (total duration of irrigation within 10 day cycle). _____
10. Contractor name, phone and email _____
11. Approximate starting date _____

PLEASE INCLUDE THE FOLLOWING WITH YOUR APPLICATION:

A copy of the current deed of the property.

A drawing of the proposed structure and surrounding area including the following:

- North Arrow
- Location of SSJID Facility
- Location of Proposed Structure
- Local Roads
- Approximate Property Lines
- Reference to Applicable District Standards
- Horizontal Distances from Above Ground Facilities

BRING COMPLETED FORM & NECESSARY DOCUMENTS TO SSJID

1. The Structure Permit will be prepared for you by the Engineering Dept.

2. Property Owner's **signature** is required on the Permit.
3. Your application/permit will be reviewed & processed according to District policy. A determination will be made as to the feasibility of the proposed structure.
4. Upon approval you will be sent a letter and advised to contact the Facility Inspector. He will discuss the terms and conditions relating to the approval of your "Structure Permit".
5. **DO NOT PROCEED WITH THE PROPOSED STRUCTURE UNTIL YOUR PERMIT HAS BEEN APPROVED. ONCE APPROVED, A COPY OF THE PERMIT MUST BE KEPT AT PROJECT SITE.**
6. Contact the Facility Inspector/Technician for preliminary & final inspections.
7. If you have any questions concerning your Structure Permit please feel free to contact the Engineering Department, 249-4619.

APPLICANT'S SIGNATURE _____

AFTER RECORDING RETURN TO:

SOUTH SAN JOAQUIN IRRIGATION DISTRICT
P.O. BOX 747
RIPON, CA 95366

CONSENT TO
SOUTH SAN JOAQUIN IRRIGATION DISTRICT'S
ENTRY OF PROPERTY TO READ
AND TO MAINTAIN FLOW METER

The undersigned Owner, _____, of the property located at _____, APN _____ (“Property”) and further described in the attached Exhibit “A”, has, with the approval of South San Joaquin Irrigation District (“District”), installed a flow meter to measure deliveries of District surface water to the Property. The District will use flow meter measurements to implement state law that requires the District to base its water charges, at least in part, on the quantity of water it delivers.

Owner consents to the entry of District officers, employees or agents (“District Personnel”) on the Property for the purposes of inspecting, maintaining and reading the flow meter installed to measure deliveries of District surface water to the Property. District Personnel may enter the Property at any reasonable hour and on a monthly basis or at such other time as District reasonably determines to be necessary, to inspect the working condition of the meter, to maintain the meter and to record water usage. District shall also be permitted to enter the Property for the purpose of installing and maintaining telemetry control hardware to the meter such that the meter can be read remotely. District Personnel may enter the Property outside any District easement area using marked District vehicles on available access roads, on foot or as Owner and District may otherwise agree. District shall use reasonable care to avoid interfering with Owner’s farming operations.

Owner agrees to take no action that would prevent the meter from accurately measuring the volume of District surface water delivered to Owner’s Property.

This Consent shall remain in effect until such time as deliveries of District surface water to the Property shall terminate as evidenced by recordation of an Irrigation Service Abandonment Agreement signed by District and Owner or Owner’s successor in interest.

This Consent shall run with the land described above and be binding on Owner and Owners' heirs, successors and assigns.

SOUTH SAN JOAQUIN IRRIGATION DISTRICT
"DISTRICT"

By _____ Date: _____
Ralph Roos, President
Board of Directors

By _____ Date: _____
Jeff Shields, Secretary
Board of Directors

"OWNER(S)"

By _____ Date: _____

By _____ Date: _____

Mailing Address: _____

Phone Number: _____

SIGNATURES MUST BE NOTARIZED AND BE PER RECORDED DEED

CERTIFICATE OF ACCEPTANCE

This is to certify that the interest in real property conveyed by the Grant of Easement dated _____, 201_____ from _____ to the SOUTH SAN JOAQUIN IRRIGATION DISTRICT, a political corporation and a governmental agency, is hereby accepted by order of the Board of Directors of the SOUTH SAN JOAQUIN IRRIGATION DISTRICT on _____ and the grantee consents to recordation thereof by its duly authorized officer.

DATED: _____

By _____
Jeff Shields, General Manager
SOUTH SAN JOAQUIN IRRIGATION DISTRICT

NOTE:

SPILL OUTLET SHALL BE REQUIRED WHEN THE DISTRICTS DISTRIBUTION LINE IS A DEAD END OR DOES NOT HAVE A SPILL. SPILL OUTLET SIZE TO BE SPECIFIED BY THE DISTRICT.

4"Ø X 5' LONG GALVANIZED STEEL GUARD POST FILLED WITH CONCRETE. CONCRETE FOOTING SHALL BE 12"ØX24" DEEP. (4 TOTAL)

SPILL OUTLET AS REQ'D. SEE NOTE ABOVE.

TWO WIRE SCREENS. LARGE AND FINE MESH OR AS OTHERWISE APPROVED BY THE DISTRICT.

TO PUMP, FILTER UNIT, AND METER

CAST-IN-PLACE BOX WITH REINFORCING PER DISTRICT STANDARDS. PRE-FABRICATED CONCRETE BOXES SHALL BE APPROVED SUBJECT TO SHOP DRAWING SUBMITTAL AND SSJID APPROVAL.

PVC OR STEEL PIPE. SIZE AND LENGTH TO BE APPROVED BY SSJID.

WATERMAN H30 LINE GATE (FLANGE X FLANGE) LOCATED AT EASEMENT LINE OR LOCATION APPROVED BY SSJID. SIZE TO BE APPROVED BY SSJID.

16"Ø STEEL PIPE. ALL PIPE WITHIN DISTRICT EASEMENT SHALL BE 1/4" THICK STEEL PIPE (MIN).

EXPANDED METAL TOP AND RAILING PER DISTRICT STANDARDS

SPILL OUTLET AS REQ'D. SEE NOTE ABOVE.

BOX HEIGHT TO MATCH NEAREST UPSTREAM VENT ELEVATION ON MAIN DISTRIBUTION LINE.

NEAREST UPSTREAM VENT

NOTE: ALL PROPOSED PUMPING FACILITIES SHALL INCLUDE A METER PER DISTRICT SPECIFICATIONS.

HIGH WATER ELEVATION TO BE DETERMINED BY SSJID

REFER TO SSJID STANDARD DETAILS WHEN CONNECTION IS MADE TO A SSJID CONTROL BOX.

TO PUMP, FILTER UNIT, AND METER

8" PVC RISER

CUT TO FIT AND PLASTER SMOOTH

PVC OR STEEL PIPE. SIZE AND LENGTH TO BE APPROVED BY SSJID.

#4 REBAR DOWELED 3" INTO CONCRETE PIPE @ 10" O.C. (10 TOTAL). SET WITH SIMPSON S.E.T. EPOXY.

#4 REBAR HOOPS (2 TOTAL)

BOARD APPROVAL DATE: 7/24/12

NO.	REVISED	DATE
1	RAY HELLSTROM	6-16-92
2	RAY HELLSTROM	7-22-92
3	KILLINGSWORTH	7-24-12

DRAWN BY:
 CHECKED BY:
 SCALE: NONE

TYPICAL SPRINKLER SUMP INSTALLATION FROM SSJID PIPE LATERAL

SOUTH SAN JOAQUIN IRRIGATION DISTRICT

RECOMMENDED FOR APPROVAL BY:

ENGINEERING DEPT. HEAD _____ DATE _____

APPROVED BY:

PRESIDENT, BOARD OF DIRECTORS _____ DATE _____

STANDARD NO. **6.01**



Minimum standards for a flow meter are:

- Seametrics AG2000 Irrigation Magmeter, McCrometer Ultra Mag flow meter, or approved equal
 - Installed with at least 3 diameters of straight pipe upstream of meter and 2 diameters of straight pipe downstream of meter (see Figure 1). Deviation from District standard requires verification of manufacturer's specification.
 - Provided with continuous power supply
 - Equipped with telemetry hardware allowing integration to the District's Supervisory Control and Data Acquisition (SCADA) System
 - Equipped with an internal datalogger¹

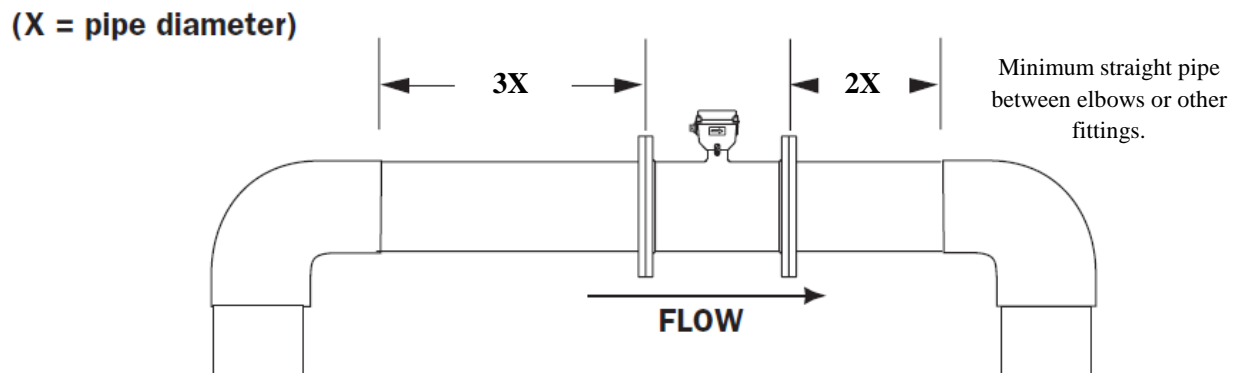


Figure 1. Example Magnetic Flow Meter Installation.

¹ An external datalogger is required and is subject to approval by SSJID.