



PUMP STATION INSPECTION CHECKLIST

PROJECT NAME:	
APPLICANT'S ENGINEER:	
ENGINEERING CONTACT:	DATE:

The Applicant's Engineer shall complete and submit this checklist along with other required items. If any required items deemed incomplete by Metro, it will be noted in the form below and returned to the Applicant's Engineer. Metro will not issue an acceptance letter until all required items have been received and deemed complete.

<u>Required Items</u>	<u>Engineer</u>	<u>Metro</u>
	Complete	Complete
Pump station sign on gate and with correct information and pump station name, according to detail.	<input type="checkbox"/>	<input type="checkbox"/>
Electrical transformer is in correct location, according to plans	<input type="checkbox"/>	<input type="checkbox"/>
Access drive location, according to plans. a. Metro to be onsite during proof roll of access road and pump station site pad (as described in pre-con)	<input type="checkbox"/>	<input type="checkbox"/>
Double entry gates that open outward or both directions. Opening inward only is not allowed	<input type="checkbox"/>	<input type="checkbox"/>
Fence materials and location according to plan and details	<input type="checkbox"/>	<input type="checkbox"/>
Area light installed according to plans	<input type="checkbox"/>	<input type="checkbox"/>
Verify adequate drainage around site and per plans	<input type="checkbox"/>	<input type="checkbox"/>
Hose bid according to detail and in correct location inside fence according to plans	<input type="checkbox"/>	<input type="checkbox"/>
Concrete pads for valve vault, wet well, chemical feed, control panel, and generator are raised or flush to grade, according to details and plans	<input type="checkbox"/>	<input type="checkbox"/>
Safety grates and lids for valve vault and wet well are per detail/specifications.	<input type="checkbox"/>	<input type="checkbox"/>
Wet well and valve vault	<input type="checkbox"/>	<input type="checkbox"/>
Valve vault pressure gauges are in correct location (between check and plug valves), angled 45-degrees upward for visual from above, and meet specification.	<input type="checkbox"/>	<input type="checkbox"/>

Check and plug valves are approved material	<input type="checkbox"/>	<input type="checkbox"/>
Plug valve is downstream of check valve	<input type="checkbox"/>	<input type="checkbox"/>
Valve vault pipe supports installed	<input type="checkbox"/>	<input type="checkbox"/>
Wet well vent pipe meets specifications and metal bug screen installed	<input type="checkbox"/>	<input type="checkbox"/>
Receiving manhole inside pump station fence is epoxy coated	<input type="checkbox"/>	<input type="checkbox"/>
Link seals installed in all pipe penetrations into wet well	<input type="checkbox"/>	<input type="checkbox"/>
Interior of electrical conduits sealed with cable entry seals.	<input type="checkbox"/>	<input type="checkbox"/>
Pipes to extend a minimum 6 inches into wet well, but no more than 12 inches, according to detail.	<input type="checkbox"/>	<input type="checkbox"/>
Pumps and power cables, floats, SS guide rails, SS lift chains installed.	<input type="checkbox"/>	<input type="checkbox"/>
Wet well epoxy lined and force main pipes inside wet well epoxy coated	<input type="checkbox"/>	<input type="checkbox"/>
Ultrasonic level sensor (Pulsar) installed	<input type="checkbox"/>	<input type="checkbox"/>
Wet well bottom sloped to drain towards pumps, per detail	<input type="checkbox"/>	<input type="checkbox"/>
Odor control pad installed with conduit for future electrical and 2-inch drain line to wet well	<input type="checkbox"/>	<input type="checkbox"/>
Pump junction boxes installed, per plans	<input type="checkbox"/>	<input type="checkbox"/>
Canopy installed over control panel, per detail. Lights installed under canopy, per detail. Canopy roof to be one solid piece and not connected sections	<input type="checkbox"/>	<input type="checkbox"/>
Rain gauge installed on canopy	<input type="checkbox"/>	<input type="checkbox"/>
Area light installed per plans (solar controlled or motion controlled, case by case basis)	<input type="checkbox"/>	<input type="checkbox"/>

Panels installed per sewer plans/detail/electrical plans (Manuel Transfer Switch (MTS), Automatic Transfer Switch (ATS), Pump Control Panel, High Tide Panel, Combination Power Center (MPZ), Main Circuit Breaker, Service Entrance Switch, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
Safety Distances comply with electrical code.	<input type="checkbox"/>	<input type="checkbox"/>
Generator is approved manufacturer and in location per plan.	<input type="checkbox"/>	<input type="checkbox"/>
Force main bypass has 4-inch Bauer fitting	<input type="checkbox"/>	<input type="checkbox"/>
Asphalt pad extends 1-foot outside fence line	<input type="checkbox"/>	<input type="checkbox"/>

SIGNATURES (SIGN AND DATE)

APPLICANT'S ENGINEER:	DATE:
METRO DEVELOPMENT PROJECT ENGINEER:	DATE: