

**INSTRUCTIONS FOR INSPECTION OF THE UNITS
AND SAMPLING OF THE GREENSAND OR
GREENSAND/ANTHRACITE FILTER MEDIA**

1. Company Information/Bill to

Name: _____
Street: _____
City: _____
State: _____
Zip code: _____
Phone: _____
Fax: _____
Email: _____

PLEASE ENTER YOUR PURCHASE ORDER NUMBER BELOW. THE SAMPLES WILL NOT BE ANALYSED UNTIL AFTER A PO NUMBER IS PROVIDED.

Purchase Order #: _____

2. General

- a. Backwash, drain, open unit, and sample per attached instructions.
- b. Is the bed completely level (no mounding around edges)? Yes No
- c. Bed depth _____ inches; Original Bed Depth _____ inches
- d. Examine the surface of bed.
- e. Is it dirty? Yes No
- f. Are mudballs present? Yes No
- g. Are greensand fines visible on top dual media bed? Yes No Not applicable (sand/anthracite filter media bed)
- h. No. of units _____ Diameter of filter(s) _____

Comments (describe conditions found):

3. Operating Conditions

- a. Plant flow rate _____ gpm _____ gpd
- b. Run length _____ hrs. _____ gals.
- c. Pressure differential at beginning of run _____ psi
- d. Pressure differential at end of run _____ psi
- e. Raw water, iron _____ mg/L; Manganese _____ mg/L
- f. Is process CR or IR?
- g. Is chlorine fed? Yes No lb/day _____
- h. Pre-feed, post-feed, or both? Pre – Post – both
- i. Is KMnO₄ fed? Yes No lb/day _____
- j. Pre-pH correction? Yes No
- k. If feeding both Cl₂ and KMnO₄ How far is Cl₂ fed upstream of KMnO₄ injection point? _____ ft.
- l. Any iron or manganese breakthrough at end of run? Yes No
- m. Is filter effluent clear at the end of run? Yes No
- n. Backwash rate _____ gpm Time _____ minutes
- o. Air wash frequency _____
- p. Age of filter media _____ years