Abrasive Blasting Waste Disposal

1. When abrasive material is received, collect a small sample in a 20 ml vial
    a. Fill vial with DI water
    b. Shake vial & observe for floating material
        i. If no material is found, proceed.
        ii. If cloudiness or floating debris is visible, reject and return to supplier.
    c. If material is to be used for blasting of metallic substrates that will be immersed, extract 15 ml of water with a syringe and test for soluble chlorides.
2. PLEASE NOTE THAT ALL SPENT ABRASIVE MUST BE TREATED AS HAZARDOUS WASTE UNTIL OTHERWISE REVEALED BY TESTS.
3. Two days after abrasive blasting has commenced. Obtain a 50 gram sample of spent abrasive.
4. Deliver sample to Florida Spectrum & test for 8 RCRA
5. Compare results to the maximum concentration / regulatory levels
    a. Arsenic – 5 ppm
    b. Barium – 100 ppm
    c. Cadmium – 1 ppm
    d. Chromium – 5 ppm
    e. Lead – 5 ppm
    f. Mercury – 0.2 ppm
    g. Selenium – 1 ppm
    h. Silver – 5 ppm
        i. If results are at or greater than the regulatory limit, the sandblast waste must continue to be managed as hazardous waste. Contact CBI & ask for disposal.
        ii. If the results are less than the regulatory limit, treat as solid waste and contact WM or dump in dumpster.
6. File results under project name and date.