

Picatinny Arsenal – Draft 26 Site Rod- 10-2-14

NJDEP Issues with Sites the Army Agreed to Remove from the ROD

Site 7 - Building 1242 – Former Firing Range- There is not enough site characterization. Only 5 samples were collected over 37 acres.

Sites 52, 95, 96, - Building 305 is the Petroleum Leak Area and Laundry Facility & Waste Oil Storage, These sites were combined during RI investigations due to close proximity of all three sites. RI Surface Soil Samples had soil exceedances for arsenic (up to 73 ppm), lead (up to 822 ppm), scattered elevated PAHs (BaP up to 13 ppm), DDT (up to 13 ppm), thallium (at 120 ppm in subsurface soils), and PCBs (1.2 mg/kg). The contamination needs to be delineated and remediation is needed.

Site 173- Former Maintenance Shop and Test Lab – Currently Equipment Storage Space- The PAHs, including a BaP hotspot (up to 2700 ppm) need to be delineated horizontally and vertically. Then remediation is necessary.

Site 187 – Building 67 – Currently Oil and Acid Storage Building – There is a Bis-2 ethylhexyl phthalate hotspot (12,000 ppm) that needs to be delineated and removed.

PICA Site 207 Building 63 - Lumber and Pipe Storage Shed- This site was formerly used as a “toxic lumber storage and transformer area”. Arsenic (up to 36 ppm) is present at this site and is related to lumber storage. The arsenic should be further delineated and remediated.