

Questions and Answers

RFP 2013-008 Vacuum/Hydro Excavation of the Sedimentation Ponds at the Rio Bravo Treatment Plant

- 1 (A) How many ponds will we need to clean?
5 ponds -- These are 4 concrete basins and one concrete splitter box.

- (B) What is the average cubic yards of sediment in each?
2 ponds 30'x62'x10' 688.89 cubic yards per pond
2 ponds 124'x35'x10' 1,607.41 cubic yards per pond
1 splitter box 13'x13'x9' 56.34 cubic yards

- (C) Are the ponds lined at the bottom?
No - concrete construction

- 2 Can we pump the water to adjacent pond, clean that pond and transfer water back?
Basins are all full with water and sediment/slug. Water from the top of basins can be pumped to discharge basin, which will send it to splitter box then out to the far side of earthen pond. Sediment and slug can be transfer to drying beds? (how many cu. yd. of sediment and slug will the drying beds hold?) of at the wastewater treatment plant. The only problem will be road spill on the way to the wastewater treatment plant.

- 3 Can you send me the GPS coordinates or a physical address of the facility?
Physical address 513 Martha Drive Rio Bravo, Texas 78046

- 4 What size discharge lines (and how full) coming from water plant and from splitter box?
One 6" discharge line from both clarifiers, one 18" discharge line from the filters to basins. There is one 18" discharge line from basins to the splitter box, which discharges into the earthen pond. Clarifiers discharge line is ¼ full when plant is running; the filters discharge line is only full when you discharge when you wash the filters. The splitter box discharge line runs most of the time because the basins discharge water to the splitter box and we have the raw water pump running from the river most of the time.

- 5 Once our trucks are loaded with sediment and slug, can we decant the water on-site before hauling material off to landfill?
Water can be decanting at the wastewater treatment plant dry beds. (How many cu. yd. of sediment and slug will the drying beds hold?) County land behind the wastewater treatment plant has room to place sediment and slug. Lab findings show no problem with material and odor will not be a problem.

- 6 Will this be the first time cleaning these ponds? If not how many years ago were they cleaned?
Yes