

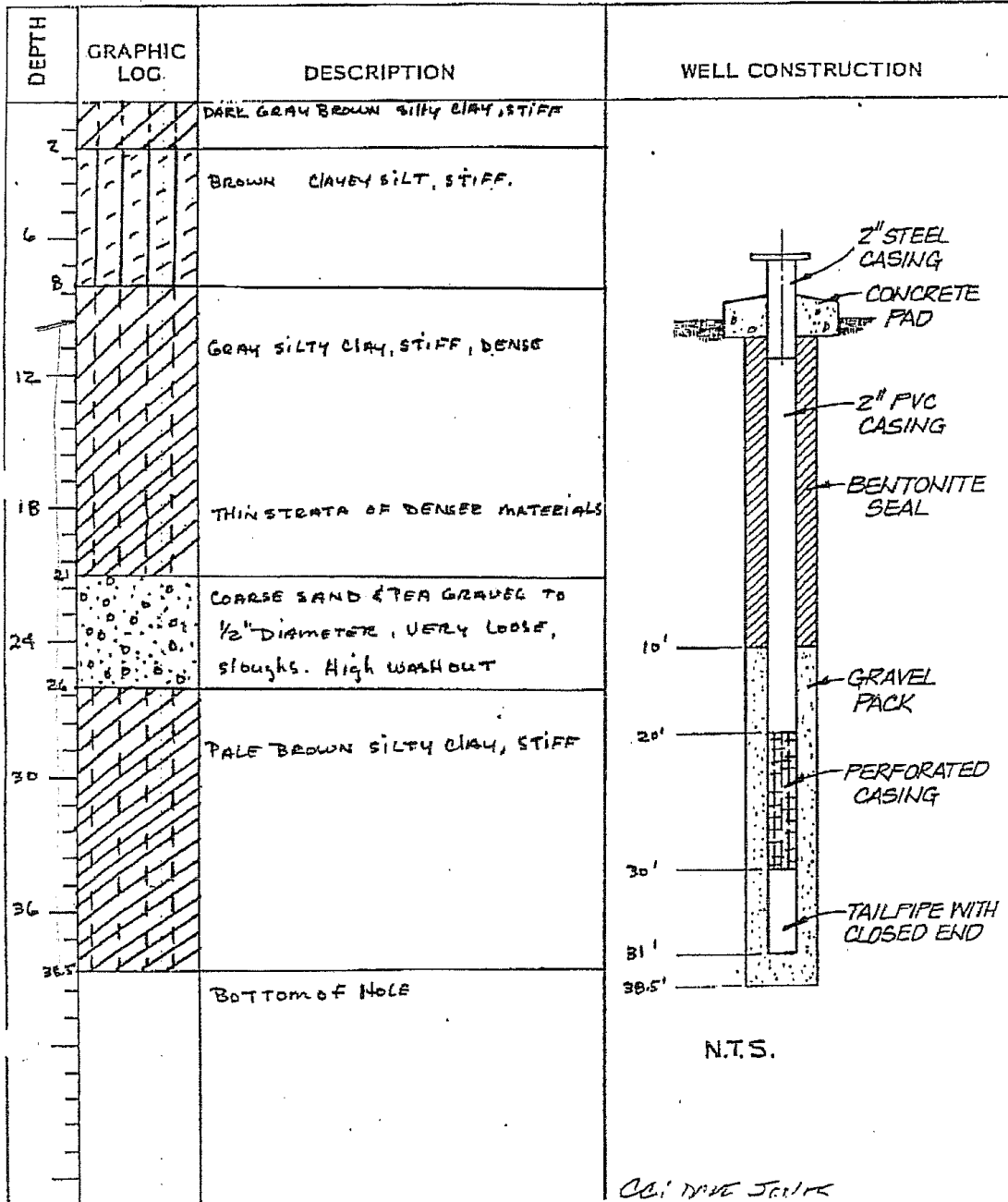
Request for Proposals - Determination and Presence of Per- and Polyfluoroalkyl Substances (PFAS) at Merced Wastewater Treatment Facility

Questions #1

1. Can you please provide well construction details of the four monitoring wells proposed for groundwater PFAS sampling? **Please see attached well construction details below. Each well is equipped with a bladder pump for use in conjunction with a micropurge system.**
2. Analysis of TDS is required by the Water Board Order as part of the groundwater monitoring event. Is TDS analysis at the four proposed monitoring wells already included in the existing groundwater sampling program or should it be included in Consultant's scope of work? **TDS analysis is already included in our existing groundwater monitoring program.**
3. Will the Merced WWTF provide composite samplers for WWTF PFAS influent and effluent sampling or will it be the consultant's responsibility to provide the required composite samplers? **Composite samplers will be provided by the City of Merced.**
4. On page 6 of the RFP, item f. Envelope shall be labeled "Fee Proposal for Salinity Evaluation and Minimization Plan." Is this correct? If not, what should the separate envelope be labeled for the fee schedule? **Page 6, Item f should read, "Fee Estimates. Each proposal shall include a fee estimate for providing services and must be contained in a sealed envelope separate from the proposal. Envelope shall be labeled 'Fee Proposal for Determination of PFAS Substances at Merced WWTF.'"**


DRILLING LOG

CLIENT/CITY OF MERCED Land App LOCATION SW BORDER of FIELD #7 ELEVATION 138.95
 PROJECT NO M10090.B.3 BORING NO. MW #3 WATER LEVEL 131.45
 CALLER Jim Holt Henning Boss GEOLOGIST Jim Thayer (TIME DATE) 6/28/79
 BEGUN 0910 4/29/79 COMPLETED 0925 4/29/79 (TIME/DATE) TOTAL DEPTH 31'




Date Completed: 1/18/02 Surface Conditions: Aggregate Baserock
 Logged By: D. WARNER Groundwater: Groundwater was first encountered at 14 feet below existing grade.
 Total Depth: 26.5 feet

Elevation	Depth, ft	Sample Type	Blows/ft	FIELD		Lithology	DESCRIPTION	Well Constr.
				ppmv	Sample Number			
							Approximate Surface Elevation (ft):	
							AGGREGATE BASEROCK	
							CLAY (CL) - dark brown, moist, medium stiff, cohesive ... change of color to dark gray	
5			8					
							CLAYEY SILT (ML) - brown, moist, hard, cohesive	
10			49					
							CLAY (CL) - light gray-brown, moist, hard, cohesive	
15			4					
							SANDY SILT (ML) - dark gray-brown, wet, medium stiff, fine grained sand, with clay, moderately cohesive	
20			5					
							POORLY GRADED SAND (SP) - light brown, wet, loose, medium grained	
25			33					
							SANDY SILT (ML) - red-brown, moist, very stiff, fine grained sand, cohesive	
							Notes: 1.) Bottom of boring at 26.5 feet. 2.) Free groundwater encountered at 14.0 feet. 3.) Well completed on 1/18/02.	

 KLEINFELDER	LOG OF MONITORING WELL MW-6 MERCED WASTEWATER TREATMENT PLANT	PLATE 1 of 1 A2
	Drafted By: <i>ND</i> Date: <i>1/29/02</i>	


Date Completed: 1/18/02 Surface Conditions: Soil
 Logged By: D. WARNER Groundwater: Groundwater was first encountered at 14 feet below existing grade.
 Total Depth: 26.5 feet

Elevation	Depth, ft	Sample Type	FIELD		Lithology	DESCRIPTION	Well Constr.
			Blows/ft	ppmv			
						Approximate Surface Elevation (ft):	
	5	▲	8			CLAYEY SILT (ML) - light red-brown, moist, medium stiff, cohesive	
	10	▲	16			CLAY (CL) - dark brown, moist, medium stiff, cohesive	
	15	▲	14		▽	SANDY SILT (ML) - red-gray, moist, very stiff, fine grained sand, moderately cohesive	
	20	▲	13			... color cahnge to red-brown, stiff	
	25	▲	12			SILTY SAND (SM) - red-brown, wet, medium dense, fine to medium grained, well graded	
						SANDY SILT (ML) - red-brown, wet, stiff, fine grained, moderately cohesive	
						Notes: 1.) Bottom of boring at 26.5 feet. 2.) Free groundwater encountered at 14.0 feet. 3.) Well completed on 1/18/02.	

 KLEINFELDER	LOG OF MONITORING WELL MW-9 MERCED WASTEWATER TREATMENT PLANT	PLATE 1 of 1 A5
	Drafted By: <u>ND</u> Project No.: <u>21-2522-97</u> Date: <u>1/29/02</u>	

Date Completed: 1/19/02 Surface Conditions: Soil
 Logged By: D. WARNER Groundwater: Groundwater was first encountered at 11 feet below existing grade.
 Total Depth: 26.5 feet

Elevation	Depth, ft	Sample Type	FIELD			Lithology	DESCRIPTION	Well Constr.
			Blows/ft	ppmv	Sample Number			
							Approximate Surface Elevation (ft):	
							CLAY (CL) - dark brown, moist, medium stiff, cohesive	
							SANDY SILT (ML) - red-brown, moist, very stiff, fine grained, moderately cohesive	
	5		25				... stiff, with clay, decrease in sand	
	10		8				... wet	
	15		11				SILTY SAND (SM) - red-brown, wet, medium dense, medium grained, poorly graded	
	20		12				SANDY SILT (ML) - red-gray, wet, stiff, fine grained, moderately cohesive	
							POORLY GRADED SAND (SP) - light brown, wet, medium dense, medium grained	
	25		20				SANDY SILT (ML) - red-gray, moist, very stiff, fine grained sand, with clay, moderately cohesive	
							Notes: 1.) Bottom of boring at 26.5 feet. 2.) Free groundwater encountered at 11.0 feet. 3.) Well completed on 1/19/02.	

 KLEINFELDER	LOG OF MONITORING WELL MW-11 MERCED WASTEWATER TREATMENT PLANT	PLATE 1 of 1 A7
	Drafted By: <i>ND</i> Date: <i>1/29/02</i>	