

N60200.AR.000780  
NAS CECIL FIELD, FL  
5090.3a

MEMORANDUM REGARDING ADDITIONAL SAMPLING OF WASTEWATER AT OPERABLE  
UNIT 8 (OU 8) SITE 3 WITH ATTACHMENT NAS CECIL FIELD FL  
10/19/1995  
NAVAL FACILITIES ENGINEERING COMMAND SOUTHERN DIVISION

32215-008

01.03.08.0002

## MEMORANDUM

Date: 19 October 1995      *WWTP*  
From: Mark E. Davidson, Southern Division, Code 1879  
To: Duke Inman & Wayne Ohlman, NAS Cecil Field ROICC

Subj: TECHNICAL DIRECTIVE; ADDITIONAL SAMPLING OF SITE 3 WASTE  
WATER

Encl: (1) Diagram, additional sampling locations

Gentleman:

On Thursday evening, 19 October, it was agreed upon by Bob Lunardini (ABB-ES), Mike Goldston (SDIV) and myself that the following sampling event was required to properly evaluate the issue of whether the site 3 water was causing the problems (discolored water, low bug count, dead bugs) encountered at the waste water treatment plant (WWTP). This study should also be useful for future operations (NFF burn) at site 3.

The intent of the sampling event is to measure the efficiency of all the filters in the system and determine if there is indeed a problem with either suspended or dissolved solids. All samples need to be taken within the same time period (approximately 1 hour) while the water transfer system is operating under normal operating conditions with all filters operating efficiently.

Take the following samples (refer to diagram, enclosure 1):

Sample #1: from the sump at site 3

Sample #2: from the discharge side of the cyclone filter (i.e. as it discharges into tank at WWTP). Take sample in actual discharge stream, not water in tank.

Sample #3: if possible, from the outlet side of the sand filter prior to the bag filter. If piping configuration does not allow, so annotate that sample not taken.

Sample #4: downstream of bag filter (as discharges into plant headwaters). Again, take in actual discharge stream.

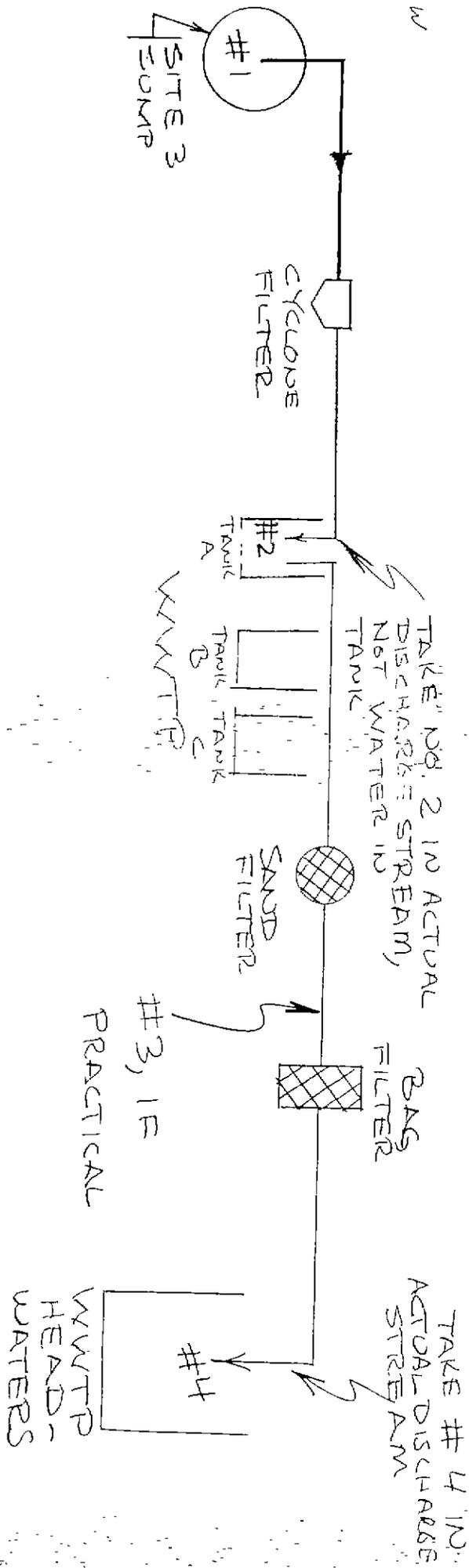
Analyze all samples for:

- 1) total solids (TS),
- 2) total suspended solids (TSS)
- 3) total dissolved solids (TDS)
- 4) PH

Results of analyticals shall be faxed ASAP to Bob Lunardini (904) 877-0742 and myself at (803)743-0563

Respectfully,





Lake Howell

ENCLOSURE: 1