

WORK REQUEST (MAINTENANCE MANAGEMENT)

NAVFAC 9-11014/20 (REV. 2-68) S/N-0105-002-7510
Supersedes NAVDOCKS 2351

(PW Department see Instructions
in NAVFAC MO-321)

Requestor see Instructions on Reverse Side

PART I—REQUEST (Filled out by Requestor)

1. FROM Director, Utilities Division		2. REQUEST NO. 86-73
3. TO Director, Operations Division		4. DATE OF REQUEST 24 May 1973
5. REQUEST FOR <input type="checkbox"/> COST ESTIMATE <input checked="" type="checkbox"/> PERFORMANCE OF WORK		5a. REQUEST WORK START
6. FOR FURTHER INFORMATION CALL W. R. Price, Ph 3510		7. SKETCH/PLAN ATTACHED <input type="checkbox"/> YES <input type="checkbox"/> NO
8. DESCRIPTION OF WORK AND JUSTIFICATION (Including location, type, size, quantity, etc.) Repair or rebuild Deairator, Camp Geiger Water Plant, Bldg TC-508.		

Completed 9/21/73

9. FUNDS CHARGEABLE	10. SIGNATURE (Requesting Official) J. E. HERNDON
---------------------	------------------------------------------------------

PART II—COST ESTIMATE
(Filled out by Maintenance Control Division if estimate requested)

11. TO:		12. ESTIMATE NO.
13. COST ESTIMATE		14. SKETCH/PLAN ATTACHED <input type="checkbox"/> YES <input type="checkbox"/> NO
a. Labor	\$	15. <input type="checkbox"/> APPROVED. PROGRAMMING TO START IN _____ <input type="checkbox"/> APPROVED. BASED ON PRESENT WORKLOAD, THIS JOB CAN BE PROGRAMMED TO START IN _____, IF AUTHORIZED BY 25TH OF _____ AND FUNDS ARE MADE AVAILABLE. <input type="checkbox"/> DISAPPROVED. (See Reverse Side)
b. Material	\$	
c. Overhead and/or Surcharge	\$	
d. Equipment Rental/Usage	\$	
e. Contingency	\$	
f. TOTAL	\$	16. SIGNATURE
		17. DATE

PART III—ACTION (Filled out by Requestor)

18. TO:		20. WORK REQUESTED <input type="checkbox"/> HAS BEEN CANCELLED <input type="checkbox"/> HAS BEEN DEFERRED <input type="checkbox"/> WILL BE PERFORMED BY OTHERS	
19. AUTHORIZATION TO PROCEED IS ATTACHED (Check one if other than PW funds are involved) <input type="checkbox"/> NAVCOMPT 140 <input type="checkbox"/> OTHER		22. DATE	
21. SIGNATURE			

(See Part IV on Reverse Side)

INSTRUCTIONS

IF ESTIMATE IS DESIRED BEFORE WORK IS STARTED

Requestor fills in all items in Part I, checks "Cost Estimate" in item 5, attaches sketch or plan if necessary, and checks proper block in item 7. Requestor retains last copy and forwards balance to Public Works Department.

If the Work Request is approved, the original and first copy will be returned to the requestor with Part II completed. If the requestor desires the work to proceed in accordance with the estimate provided, he should fill in Part III, checking proper block in item 19 and attaching the document citing the funds to be used. If the requestor decides not to authorize the work, the appropriate box in item 20 should be checked. The original form, in either case, is returned to the Public Works Department.

If the Work Request is disapproved, the reasons for disapproval will be stated in Part IV, signed by the Public Works Officer, and the original and one copy returned to the requestor.

If the Work Request is approved, the first copy will be returned to the requestor with items 11, 12, 15, 16, and 17 of Part II completed.

If the Work Request is disapproved, the reasons for disapproval will be stated in Part IV, signed by the Public Works Officer, and the original and one copy returned to requestor.

IF ESTIMATE IS NOT DESIRED BEFORE WORK IS STARTED AND FUNDS ARE UNDER COGNIZANCE OF PWO

IF ESTIMATE IS NOT DESIRED BEFORE WORK IS STARTED AND FUNDS ARE NOT UNDER COGNIZANCE OF PWO

Requestor fills in all items in Parts I and III except item 20, checks "Performance of Work" in item 5, attaches sketch or plan if necessary, checks proper block in item 7, checks proper block in item 19, and attaches document citing the funds to be used. Requestor retains last copy and forwards balance to Public Works Department.

Requestor fills in all items in Part I, checks "Performance of Work" in item 5, attaches sketch or plan if necessary, and checks proper block in item 7. Requestor retains last copy and forwards balance to the Public Works Department.

If the Work Request is approved, the first copy will be returned to the requestor with items 11, 12, 15 as applicable, 16 and 17 of Part II completed.

If the Work Request is disapproved, the reasons for disapproval will be stated in Part IV, signed by the Public Works Officer, and the original and one copy returned to requestor.

PART IV—REMARKS

Large empty area for handwritten remarks and administrative stamps.

C C 508

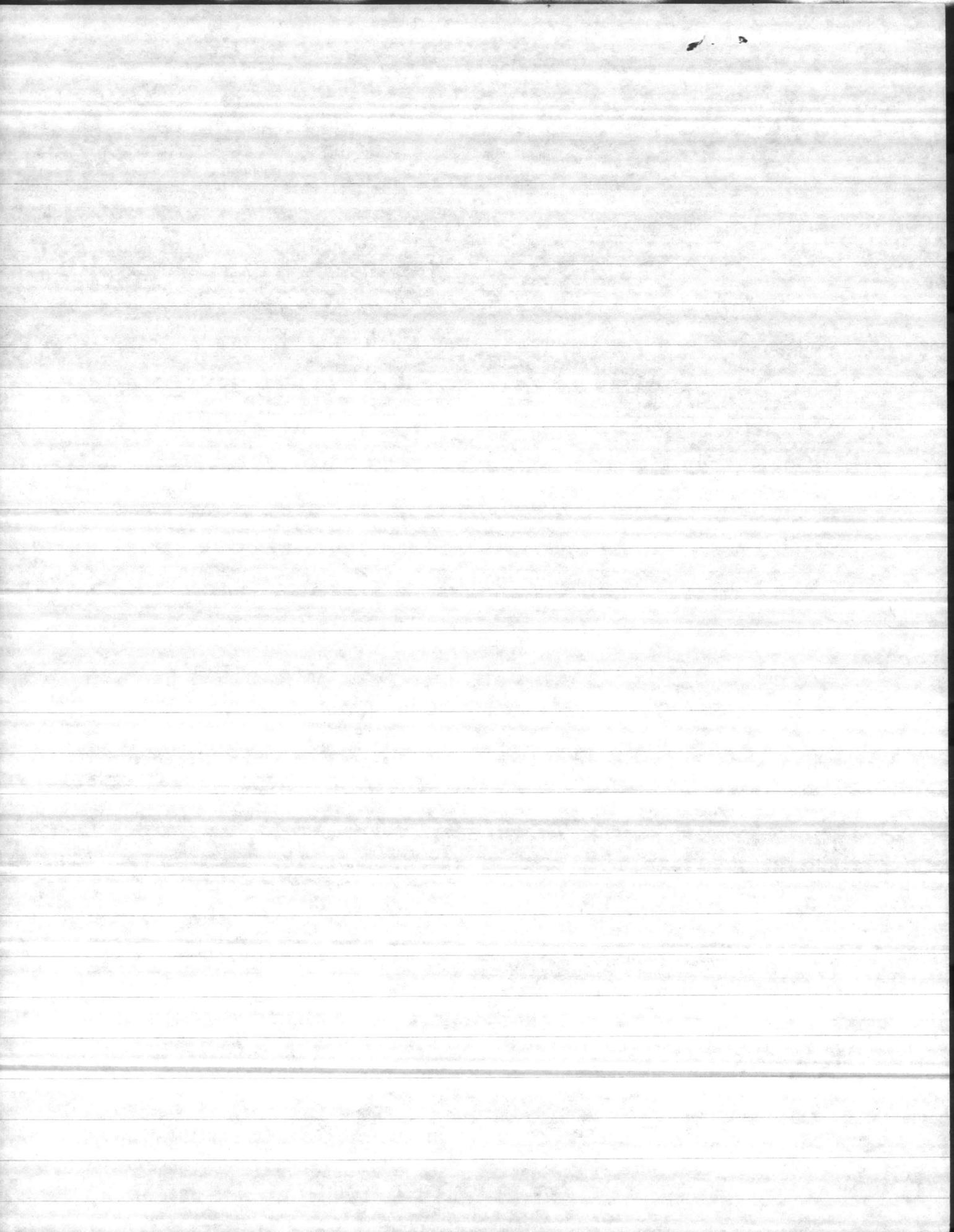
A 1 A

There are 12 twelve deep wells with capacity ranging from 50 GPM to 300 GPM and a total capacity of 200 GPM or 1.8 M.G.D. These wells have a high content of iron + Hydrogen sulphide. (2) Two wells have a very high content of Chloride (1) one is too high to use, the other is used only part time (8) eight of these wells are 30 yrs old, 4 four are 15 yrs, the capacity of all wells has dropped considerable due to sanding + screen corrosion.

B 1 G see last page

C 2

The treatment consist of aeration before entering raw water reservoir then it is filtered through (2) two horizontal pressure ^{type} filters before entering softeners Chlorination ^{and Phosphate} is added between softening plant and treated water reservoir, treatment capacity is rated at 1.5 M.G.D. This is a zeolite softening process for removal of iron reducing hardness.



C 3 G

system has a normal treatment capacity of 1.5 M.G.D. there are (1) two horizontal ^{PERMUTIT} pressure type filters, (2) two ^{PERMUTIT} vertical zeolite softeners with manual operated multiport valves (1) one chlorinator, (2) two filter pumps and (1) one wash water pump. in this process the hardness is reduced to 0 PPM approx 25% of this water bypasses the softeners to build the hardness back to a specific point. the iron and Hydrogen sulphide is reduced to ^{very} minimum

C 3 H

there are no immediate factors limiting operating capacity however our raw water meter is obsolete and beyond repair. this meter is located beside Raw water Reservoir in man hole

D 2 G

Delivered water meter is located at end of discharge header in man hole, it is obsolete and beyond repair approx 2 yrs ago the Contractors tied a line at the opposite end of header allowing water to travel in both directions, in present situation if meter would work you could only meter part of delivered water

^{no. 100}
Pump & all worn considerable

E

The treatment system is 30 yrs old the filter tanks, the softening tanks, the piping and filter pumps are in a very poor condition, the pumps and multipoint valves are obsolete, it is almost impossible to get replacement parts, the tanks are also deteriorated, the raw + delivered water meters are beyond repair. we need a complete replacement of the treatment system, using modern equipment with automatic motorized multipoint valves and new meters installed in new location

BIG

these wells and pumps are several yrs old and are worn considerable, the wells do not recover as fast as they should due to iron deposit on screens and sanding of gravel bed

