Contract N62470-73-C-1155. Utilities Expansion. MarineCorps Air Station (H), New River, Jacksonville, North Carolina

PUNCH LIST -- WATER TREATMENT PLANT -- 10 JUNE 1977

GENERAL ITEMS

OK 1. Remove pipe hanger from conduit and replace hangers as specified.

OK 2. Install resilient tile and base in locker room.

OK 3. Install resilient tile and base in office and control room.

OK 4. Install resilient tile and base on mezzanine floor.

OK 5. Install insulation on water pipe (hot) at top of block wall over work bench.

OK 6. Install hardware for doors No. 102 and No. 103 and exterior door at chlorine room, and make door from control to chlorine room gas tight.

OK 7. Re-install pipe stand-offs above commode on water line.

OK 8. Clean and paint pipe hangers and stand-offs as specified.

? 9. Install escucheons around pipe lines as specified in all exposed areas including walls and ceilings.

OK 10. Remove excessive mortor from block walls in locker and bathroom and repaint.

OK 11. Paint tops and bottoms of all door.

OK 12. Install tool rack above work bench.

OK 13. Grout under door threshold (gas tight door) to chlorine room, and doors and threshold installed in new section of plant.

No 14. Seal cracks on insulation around finish water line above control room.

OK 15. Remove wire from chlorine line to lime slurry pump and install han er as specified and reinsulate above Control room.

OK 16. Install hangers and rods as specified on chlorine and analizer lines above doors (and small roll up door). No pipe will be supported from another pipe.

OK 17. Install cover plate over clean out in wall -- opposite toilet area.

✓ 18. Grout sleeves through block walls and install sleeves as specified throughout building.

OK 19. Install spash blocks for roof drains in pump room.

OK 20. Touch up all pipe lines, bolts, etc., as necessary with aluminum paint.

OK 21. Seal off ends of insulation throughout plant. Monday.

OK 22. Paint door butts.

OK 23. Touch up paint behind conduit and around box, etc.

24. Fill, tamp and seed hole at corner of transformer pad.

OK 25. Reroute bleed-off hose away from electric boxes (main distribution) under stairs to mezzanine floor.

26. Install floor flush mounted clean-outs, gas-tight type.

OK 27. Install hangers, rods, etc. of 8" line (at top section for air relief valves). This is on line going to Spirectors. Specifications call for hangers 5 feet on center.

ELECTRICAL ITEMS

New Building

28. Repair flex at motorized valves.

29. Need screws in device covers.

30. Need cover on J.B. and wires pushed back in box up on gallery.

31. Label controllers and disc. for equipment they control.

32. Check ground clamp for M.D.P. at water line.

33. Check high bay lights.

OK 34. Need right kind of fuses in disc., rear pump room.

35. Conduit and refrigerant lines side by side; no sleeves and left open. No Isolators

36. Panels and transformer need cleaning and paint touch up.

Office and control room, Existing Building

37. 60 amp fuse dis. for 48V batt. supply not labeled.

38. Wrong kind of fuses in disc.

39. Need ventilator for batteries.

OK 40. Amp meter or charger not working or not automatic.

PUNCH LIST -- WATER TREATMENT PLANT, Page 3

Distribution Pump Room

OK 41. Grn. bushing lugs loose in new C.B. panel 250A.

OK 42. Grn. lugs loose in starter for pump #1.

OK 43. Block cover on outlet for exist U.H. removed.

OK 44. Anchor conduit from ceiling down to motor pump #1.

45. Panels and control need labeling.

Second Floor - LIme Feeder

46. Blank cover on old light switch.

47. Check heaters in lime feeder starter.

48. Put blank out blanks in disc. and starters.

49. Label equipment for what it controls.

OK 50. Check range and motor in lime slurry -- shocking.

51. Need blank covers on outlet boxes.

52. Label panels and disc.

Contract N62470-73-C-1155, Utilities Expansion, Marine Corps Air Station (H), New River, Jacksonville, North Carolina

PUNCH LIST FOR NEW RIVER PUMP STATION 27 JUNE 1977

1. Pump motors (3) wrong size. Should be 208V, not 230V.
2. OK Generator not working properly.
3. OK Re-install combination door stop on metal toilet door to extreme left of door. This will stop door at block.
4. OK Re-install paper hanger on left side of metal partition. It is on the right side of the block wall now.
5. OK Prime and paint all metal brackets and straps holding exhaust duct. (Dry well side).
6. OK Remove trash from around exhaust (under floor) and grout.
7. Install thermostat on south wall by four-gang switch.
8. OK Thermostat in dry well on east wall; should be on south wall.
9. OK Clean paint and touch-up as necessary.
10. Clean oil from floor, walls and motors, etc.
11. Install ~~2' x 2'~~ light on south side of emergency generator.
12. Repair ceiling tile where pipes and other objects protrude through it.
13. Check leaks and controls for day tank.
14. OK Remove wood from bottom side of commode and grout as necessary.
15. OK Grout around drain pipe for sink, underside wet well. Same for Item #14.
16. OK Clean and paint all metal in wet well side. This includes pipe hangers, rods, stair and platform rods and support.
17. OK Plug end of conduit in wet well.
18. Install 7 feet of PVC - 8" for sonar in wet well.
19. Install sump pump in dry well.
20. Install combination switch and receptacle for sump pump.
21. OK Install handle for hose-bib outside.

PUNCH LIST FOR N62470-73-C-1155, continued

OK 22. Install cap for emergency generator exhaust pipe.

OK 23. Remove trash and grout around exhaust in wet well area.

OK 24. Grout around sump pump pipe in wet well.

OK 25. Panel board not working properly. Also lights for motors not working. Panel cover screws not tightened properly.

? 26. Install cover plates on electric boxes - dry well.

? 27. Heaters have no shop drawings or approvals.

OK 28. Re-patch existing road (asphalt).

OK 29. Fasten metal supports for valve in partial flume.

TO: JOHN

(1155) WATER PLANT: (#2 INFLUENT VALVE WTP CHECK IT!) 16 AUG 97

* ITEMS NOT FOR PEABODY

1. OK INSULATE 12" PIPE & ELBOW IN CONTROL ROOM (REPAIR FLOOR TILE) AND INSULATE Cl_2 PIPING.

2. OK SLOPE CONDENSATE DRAIN PIPE ON AC UNIT & REPAIR INSULATION.

3. OK EXTEND CEILING TO WINDOWS IN CONTROL ROOM.

4. OK INSTALL BASE TILE IN CONTROL ROOM.

5. OK PROVIDE NEOPRENE GASKET ON Cl_2 ROOM DOOR AT BOTTOM (19)

6. * PROVIDE 4' Jack by No. #1 SCREEN IN LOCKER ROOM. (19)

7. OK CHANGE FLOOR CLEAN-OUTS TO BE FLUSH WITH FLOOR TYPE WITH "C.O." ON FACE (15A.37).

8. INSTALL BASE OK TILE IN LOCKER ROOM.

9. OK PUT PLATE OVER BACK DOOR LOCK MORTISE AT Cl_2 ROOM.

10. * INSULATE Cl_2 & 8" WATER PIPING IN Cl_2 ROOM.

11. * PLATES IN CHEM. STORAGE I SHOULD BE FLUSH WITH FLOOR.

12. * NEED DOOR BETWEEN CHEM. FEED AREA AND SOFTENING ROOM.

9. OK NEED Mendez TO "BUTTER" JOINTS OF INSULATION ABOVE CONTROL ROOM, TO STOP LEAKS.

10. FINISH INSTALLING INFLUENT & EFFLUENT RATE OF FLOW METERS.

~~15. RUBBER COVERS (2) OVER TILE (2)~~

* WOOD

~~1.~~ ADD CHAINS FROM GUARDRAIL TO SPIRACTOR ON ROOF. OK Jade

11. GUARD RAIL ON NORTH SIDE OF ROOF DOES NOT EXTEND TO OLD ROOF LINE AS SHOWN.

~~12.~~ PROVIDE GUARD RAIL ON RE-CARB. TANK.

~~13.~~ PROVIDE LIGHTING TO SPIRACTORS.

~~2.~~ CAULK LOWER 2"X6" BOARD THAT SETS ON CONCRETE WEIR IN RE-CAURB. TANK (29)

~~2a.~~ ADD TWO AIR RELIEF VALVES TO BACKWASH PIPES IN PUMP ROOM AT HIGH POINT OF DISCHARGE LINES.

12. ~~2b. HAVE CO. & T. SERVICEMAN~~ CHECK OPERATION OF SLAKER: OK Man will be Mall Friday - 9-2-77

a. WHEN SLAKER STOPS & THEN STARTS AGAIN, CONVEYOR RUNS FOR A SHORT TIME & CLOGS SLAKER CHAMBER UP.

b. PROBES IN 500 GAL. TANK SET TOO HIGH FOR START-UP. ALSO, PROBES ALLOW SLURRY TO RISE TOO HIGH AND OVER FLOW OCCURS.

13. ~~2c.~~ OK ADD HANGERS TO 2" CATALYST FILL FILL LINE.

14. ~~2d.~~ CAULK AROUND 12" LINE TO RE-CAURB TANK TO STOP LEAK.

15. ~~2e.~~ OK STRAP 1 1/2" SPIRACTOR FLUSH-OUT LINE TO WALL AND TO SPIRACTOR SUPPORTS TO PREVENT SHAKING OF PIPE.

~~2f.~~ INSULATE 24" FILTER EFFLUENT PIPE OVER LANDING IN SOFTNER ROOM.

~~28.~~ 16 FILTER #2 ?

a) 3RD TROUGH FROM CONSOLE IS TOO LOW.
b) ~~DON'T DO~~ CORRECT VIBRATION ON SURFACE WASH INDICATORS. ~~VIBRATE~~ ?
c) BOLT HOLES ON FILTER TROUGHS LEAK. TROUGHS VIBRATE.

~~29.~~ 17 EITHER BACKWASH RATE METER IS NOT RIGHT OR BACKWASH PUMP IS NOT PUMPING TO CAPACITY. (MAX. RATE IS 4000 GPM ACCORDING TO METER ?. AND REQUIRED RATE IS 6000 GPM).

~~30.~~ 18 OK FINISH TILE ON FILTER MEZZANINE FLOOR ~~pending visit & left pending.~~

~~31.~~ 19 OK CLEAN & PAINT PIPE HANGERS AND STAND-OFFS. ? will leave paint - Unable to paint due to sweating.

~~32.~~ 20 TOUCH-UP ALL PIPE LINES, BOLTS, ETC. WITH ALUMINUM PAINT.

~~33.~~ 21 OK SEAL OFF ENDS OF INSULATION ~~THROUGH~~ THROUGHOUT PLANT. Monday.

? ~~34.~~ 22 PROVIDE EXTRA MOTOR FOR LIME SLURRY PUMP (15 F.6.5)

~~35.~~ 23 RATE OF FLOW METERS ON FILTER CONSOLES ? ARE NOT CORRECT. THEY READ LOW BY APPROXIMATELY 300 GPM. each.

~~36.~~ 24 WELL AND BOOSTER PUMP SYSTEM CANNOT BE ? CHECKED UNTIL PLANT INFLUENT RATE OF FLOW METER IS IN OPERATION. SUSPECT THAT SUCTION CUT-OFF PROTECTION SWITCHES IN BOOSTER PUMP STATION IS NOT ADJUSTED CORRECTLY

~~37.~~ 25 OK WELL ~~AUX.~~ AUXILIARY MOTORS ARE DIFFICULT TO DRAIN OIL FROM. PROVIDE METAL TROUGH OR DRAIN ~~TO~~ Provided metal drain pan

26

~~38.~~ GRISWOLD RATE OF FLOW CONTROLLERS AT WELLS SHOW MAXIMUM FLOW OF 400 GPM. SHOULD BE 200 GPM.

27

~~39.~~ OK ~~DO NOT HAVE~~ PROVIDE SUBMITTALS FOR WELL "P" (RATE OF FLOW TEST). Give to H. Raybold

28

~~40.~~ WELL HOUSES NOT SATISFACTORY FROM STRUCTURAL AND WEATHERTIGHTNESS STANDPOINT. SEALING STRIPS AT BOTTOM NOT INSTALLED, RUBBER "PLUGS" ARE TOO SMALL AND FALL OUT AT BOTTOM. PURLINS TOO CLOSE TO WELL SHAFTS. HORIZONTAL WALL STRUTS ARE MISSING.

29. OK VIBRATION ISOLATORS FOR AIR CONDITIONING CONDENSING UNIT - CONTROL ROOM ARE MISSING. INSULATION ON TRAP REQUIRES REPAIR. GRADE DRAIN LINE TO FLOW PROPERLY. USE ADHESIVE TO SEAL INSULATION AT ALL JOINTS.

~~30. RE~~ 30. ~~THE~~ SURFACE WASH PUMPS — ~~THE~~ MOTOR CONDUCTORS ~~DO NOT HAVE ALL STRANDS UNDER LUGS OF~~ STARTER TERMINALS.

30. OK VALVE OPERATOR IS MISSING FROM CENTER WATER TANK (#2 FILTER) AT THE REAR OF PIPE ~~GALLERY~~ GALLERY.

31. THE INFLUENT VALVE ON #2 FILTER IS STICKING REQUIRING MANUAL OPERATION. CHECK AND REPAIR AS NECESSARY.

Water Treatment Plant (ELECTRICAL)

1- Make up directories to show proper circuit each breaker serves.
2- Label all starters, disconnects and controllers as to equipment served.
3- Clean out all panels, disconnects, starters and controllers.
4- Clean and touch up paint on all panels, starters, disc and equipment.
5- Need labels or markers on wire and spare wires in JUNCTION Boxes, panels and controllers.
6 - Clean wiring diagrams for panels, for owners use.
7 - Reinstall telphone jack strip and make operative in control cabinet, also phone in pump room.
8 - Replace light bulbs that are missing or burned out.
9 - Install correct fuse and heaters, sized for equipment throughout.
10 - Unit heater in pump room over bathroom ceiling has thermostat in bathroom, needs to be relocated to sense heat from unit.
11 - Grounding bushing lugs loose in new C.B. panel and starter for pump #1.
12 - Replace starter interior and make operative

backwash pump #1

13 – Needs blank cover on existing U.H. outlet in Distribution pump room, light switch on second floor lime feeder room, outlet box lime feeder room, on J.B. up in galley.

14 – Install knock out blanks in all panels disc and starters throughout plant.

15 – Adjust and lighten heads on E.M. light to shine down stair & galley. Check out automatic operation (will not come on when breaker is flipped off)

16 – Strands of wire not under connector lugs in surface wash pump starter.

17 – Belt guard missing from lime slaker motor.

18 – Need hood & vent stack over battery rack.

19 – Check neutral grounding in main panels, range and lime slaker motor shocking.

20 – Repair flex at motorized valves and surface wash pumps.

21 – Conduit and refrigerant lines run side by side in some opening, no sleeves and left open.

22 – Check ground clamp for MDP, new building.

23 – Check interlock of gas engine in well house so gas engine and electric motor can't run at some time

24- Anchor battery charger in well house to prevent being broched off.

25- Safety switch for pumps in booster station not working, can start pump without pressure.

26- Clean out all panels and controllers in booster pump station + well house, also label to equipment being served and check fuse and heater sizing.

Carpenter

43-60:RLR:mtm
N62470-73-C-1155
AUG 25 1977

Peabody, S.E.
Post Office Drawer 7248
Jacksonville, North Carolina 28540

Re: Contract N62470-73-C-1155, Utilities Expansion, Marine Corps Air Station (Helicopter), New River, Jacksonville, N. C.

Gentlemen:

Enclosed is the punch list for the water treatment plant/water well portion of the subject contract. These items must be completed before termination of the contract can be effected. Please inform this office in writing when all the items on the punch list have been completed.

If any of the items appear to be outside the scope of the contract, they should be brought to the attention of this office immediately.

Sincerely yours,

B. L. RABOLD
Lieutenant, CEC, USN
Assistant Resident Officer
in Charge of Construction

Enclosure

Blind copy to:
Code 60
Field

AUG 2 5 1977

PUNCHLIST ITEMS for Contract N62470-73-C-1155, Utilities Expansion, Marine Corps Air Station (Helicopter), New River, Jacksonville, North Carolina

1. Slope condensate drain pipe on AC unit and repair insulation
2. Extend ceiling to windows in control room
3. Install base tile in control room
4. Provide neoprene gasket on CL_2 room door at bottom (19)
5. Provide 4' screen in locker room (19)
6. Change floor cleanouts to be flush with floor type with "C.O." on face (15A.37)
7. Install base tile in locker room
8. Put plate over back door lock mortise at CL_2 room
9. Need to "butter" joints of insulation above control room to stop leaks
10. Finish installing influent and effluent rate of flow meters
11. Guardrail on north side of roof does not extend to old roof line
12. Check operation of slaker:

    a. When slaker stops and then starts again, conveyor runs for a short time and clogs slaker chamber

    b. Probes in 500-gallon tank set too high for start-up. Also, probes allow slurry to rise too high and overflow occurs.

13. Add hangers to 2" catalyst fill line.
14. Caulk around 12" line to recarb tank to stop leak.
15. Strap 1½" spiractor flush-out line to wall and to spiractor supports to prevent shaking of pipe.
16. Filter #2

    a. 3rd trough from console is too low

    b. Correct vibration on surface wash indicators

    c. Bolt holes on filter through leak. Troughs vibrate.

Enclosure (1)

17. Either backwash rate meter is not right or backwash pump is not pumping to capacity. (Max. rate is 4000 GPM according to meter, and required rate is 6000 GPM).

18. Finish tile on filter mezzanine floor.

19. Clean and paint pipe hangers and stand-offs.

20. Touch-up all pipe lines, bolts, etc. with aluminum paint.

21. Seal off ends of insulation throughout plant.

22. Provide extra motor for lime slurry pump (15F.6.5).

23. Rate of flow meters on filter consoles are not correct. They read low by approximately 300 GPM.

24. Well and booster pump system cannot be checked until plant influent rate of flow meter is in operation. Suspect that suction cut-off protection switches in booster pump station is not adjusted correctly.

25. Well auxiliary motors are difficult to drain oil from. Provide metal trough or drain to allow oil to be changed.

26. Griswold rate of flow controllers at wells show maximum flow of 400 GPM. Should be 200 GPM.

27. Provide submittals for well "P" (rate of flow test).

28. Well houses not satisfactory from structural and weathertightness standpoint. Sealing strips at bottom not installed, rubber "plugs" are too small and fall out at bottom. Purlins too close to well shafts. Horizontal wall struts are missing.

29. Vibration isolators for air conditioning condensing unit - control room are missing. Insulation on trap requires repair. Grade drain line to flow properly. Use adhesive to seal insulation at all joints.

30. Valve operator is missing from center water tank (#2 filter) at the rear of pipe gallery.

31. The influent valve on #2 filter is sticking, requiring manual operation. Check and repair as necessary.

32- Provide NAME TAGS FOR EQUIPT.

WATER TREATMENT PLANT (ELECTRICAL)

1. Make up directories to show proper circuit each breaker serves.

2. Label all starters, disconnects and controllers as to equipment served.

3. Clean out all panels, disconnects, starters and controllers.

4. Clean and touch-up paint on all panels, starters, disc and equipment.

5. Need labels or markers on wire and spare wires in junction boxes, planels and controllers.

6. Clean wiring diagrams for panels, for owner's use.

7. Reinstall telephone jack strip and make operative in control cabinet, also phones in pump room.

8. Replace light bulbs that are missing or burned out.

9. Install correct fuse and heaters, sized for equipment throughout.

10. Unit heater in pump room over bathroom ceiling has thermostat in bathroom - needs to be relocated to sense heat from unit.

11. Grounding bushing lugs loose in new C.B. panel and starter for pump #1.

12. Replace starter interior and make operative backwash pump #1.

13. Need blank covers on existing U.H. outlet in distribution pump room, light switch on second floor lime feeder room, outlet box lime feeder room, on J.B up in gallery.

14. Install knock-out blanks in all panels, disc and starters throughout plant.

15. Adjust and lighten heads on E.M. light to shine down stairs and gallery check out automatic operation (will not come on when breaker is flipped off).

16. Strands of wire not under connector lugs in surface wash pump starters.

17. Belt guard missing from lime slaker motor.

18. Need hood and vent stack over battery rack.

19. Check neutral grounding in main panels, range and lime slaker motor shocking.

20. Repair flex at motorized valves and surface wash pumps.

21. Conduit and refrigerant lines run side by side in same opening, no sleeves and left open.

22. Check ground clamp for MDP, new building.

23. Check interlock of gas engine in well houses so gas engine and electric motor can't run at same time.

24. Anchor battery charger in well house to prevent being knocked off.

25. Safety switch for pumps in booster station not working, can start pump without pressure.

26. Clean out all panels and controllers in booster pump station and well houses, also label to equipment being served and check fuse and heater sizing.

43-60:BLR:mtm
N62470-73-C-1155

SEP 1 1977

Peabody, S.E.
P. O. Drawer 7248
Jacksonville, N. C. 28540

Re: Contract N62470-73-C-1155, Utilities Expansion, Marine Corps Air Station (Helicopter), New River, Jacksonville, North Carolina

Gentlemen:

Enclosed is a punch list for the sewage treatment portion of the subject contract. These items must be completed before termination of the contract can be effected. Please inform this office in writing when all the items on the punch list have been completed.

If any of the items appear to be outside the scope of the contract, they should be brought to the attention of this office immediately.

Sincerely yours,

B. L. RABOLD
Lieutenant, CEC, USN
Assistant Resident Officer
in Charge of Construction

Enclosure

Blind copy to:
Code 60
Field

SEP 1 1977

PUNCH LIST (SEWAGE TREATMENT PORTION) FOR CONTRACT N62470-73-C-1155, UTILITIES EXPANSION, MARINE CORPS AIR STATION (HELICOPTER), NEW RIVER, JACKSONVILLE, NORTH CAROLINA

OK 1. Grass seeding is required on all areas which have been disturbed during the construction process.

OK 2. Head loss indicators require a strainer on the top of the ½" copper pipe. (15I-12.3)

? 3. Stop and repair leaking of the pipes through the wall in the pump room.

No 4. Provide an ID tag and nameplate for all electrical equipment.

? 5. Check the operation of the indicators on filters. There appears to be excessive vibration.

OK 6. Provide a hose at the New River pump station.

7. Provide services of automatic control subcontractor (Consolidated Electric) upon completion of repair to basins (under separate contract) to adjust all controls and instruct operators in operation of equipment installed under this contract.

8- AIREATER MOTOR (REPLACE OR REPAIR)

9- SLUDGE PUMP PIT HAS WATER OVEV TOP OF ELECTRIC VALVES. SUMP PUMP NOT WORKING PROPERLY.

Enclosure (1)

Peabody S.E., Inc.
1930 Silver Star Road | PO Box 7934 | Orlando, Florida 32804 | Telephone 305 299-3020

PLEASE MAKE 1 COPY OF THIS FOR J CARPENTER.

John Carpenter

September 8, 1977

Department of the Navy
Building 1005
Camp LeJeune, North Carolina

ATTN: Lt. Rabold, CEC, USN
Assistant Resident Officer
in Charge of Construction

ROUTING ORDER	INT
1 60	BR
2	
3	
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8	
RETURN TO 570	

Re: Utilities Expansion
MCAS(H) N62470-73-C1155
43-60:BLRmtm

Peabody S.E., Inc.

Dear LT. Rabold:

As per the meeting of September 2, 1977 between LT. Rabold, ROICOC, John Carpenter, Resident Inspector, and myself, Frank Wright, representing Peabody S. E., Inc., I forward the following minutes of said meeting for your concurrance.

(a). After reviewing the Navy's punch list of August 25, 1977 and September 1, 1977, it was mutually agreed upon by all parties present that Peabody had completed those work items which required a work force to remain on the job. Those items which do remain on the punch list are the responsibility of Peabody's vendor's/sub-contractor's and shall be completed to the satisfaction of the resident inspector. We will maintain close communications between our sub-contractor's and the office of the OICC.

Frank Wright will remain available to the OICC and visit the jobsite periodically to inspect work done by our subs and to expedite completion of the project.

(b). I am enclosing the names and numbers of various vendors affilicated with this project in order that your office may have an avenue of approach should an emergency arrise.

(c). Enclosed also is our response to the afore mentioned punch list and the disposition to items there on.

Should you need to contact me, I will be available by phone at (305) 299-3020.

Please direct all further correspondence to our home office at 1930 Silver Star Road, Post Office Box 7934, Orlando, Florida 32854.

Very truly yours,

PEABODY S. E., INC.

Frank Wright

Frank A. Wright
Project Engineer

FAW/jdw
encl.
cc: A. Rhodus, File

Utilities Expansion -MCAS(H), New River, N. C.

Name and Address	Telephone Number and Person to Call		Concerning
Armco Steel Corporation P.O. Box 17805 Charloette, N. C. 28211	(704) 366-6548	Mr. Scheid	Slide Gates
Carolina Well & Pump Company P.O. Box 1035 Sanford, N. C. 27330	(919) 776-3415	Worth Picard	Raw water, wells, pumps, motors and engines
Cummins Carolina P.O. Box 876 3700 N. Interstate 85 Charlotte, N. C. 28201	(704) 596-7690	Ed Lentz/D. R. Hughes	Generators @ S.T.P. & N.R.P.S.
Humphrey Heating Jacksonville, N. C.	(919) 347-3063	Mr. Humphrey	AC @ W.T.P. all duct work and fans @ N.R.P.S.
National Hydro Systems 245 W. Roosevelt Rd. W. Chicago, Ill. 60185	(312) 231-9300	Jim Baranyi	Filter wash W.T.P. & S.T.P. aerators, sludge collectors flocculators
Jim Myers & Son, Inc. P.O. Box 15154 Charlotte, N. C. 28210	(704) 554-8397		Lime bin
Ozark-Mahoning Co. 1870 S. Boulder Rulsa, Okla. 74119	(918) 583-2661		Recarb burher @ W.T.P.
Permuttit E. 49 Midland Avenue Paramus, N. J.	(201) 262-8900 (704) 535-0815	Mr. W. Grayson	Spiraltor
Scott Roofing Kinston, N. C.	(919) 523-3111	Eddiw Williams	
Southerland Electric P.O. Box 626 Jacksonville, N. C. 28540	(919) 347-1754	Denis Parrish/Mr. Quinn	

PEABODY S. E., INC. - VENDORS/SUB-CONTRACTORS
Utilities Expansion -MCAS(H), New River, N. C.

Name and Address	Telephone Number and Person to Call		Concerning
	(404) 634-5164	George Bingaman	
Wallace & Tierman (Pennwalt) P.O. Box 4055 Charlotte, N. C. 28203	(704) 372-2180	R. L. Williams	Chlorinators, lime slaker, chemical mixers lime dust collector
Worthington Corp. 620 Archdale Dr., Suite 149 Park 77 Building Charlotte, N. C. 28210	(704) 527-3570		Cuminnutor
U. S. Motors 4937 Chastain Charlotte, N. C. 28210	(704) 523-6094	Lou Gladstone	Areator motors
Diller-Brown & Associates 2030 Palmridge Way Orlando, Fla. 32809	(305) 851-7830		Supplier of Dezurik plug valves
Inventron Industries 4005 W. Jefferson Blvd. Los Angles, Calf. 90016	(213) 731-2507		Flow measuring unit, level measuring/control unit at N.R.P.S.
Consolidated Electric 141 S. Lafayette Freeway St. Paul, Minn. 55107	(612) 224-9474	Tom Moore/Al Vercamp	All electric controls
Bristol (McMahan Co.)	(404) 394-1445		Instrumention
McCrometer Corp. 3255 W. Stetson Ave. Hemet, Cal. 92343	(714) 658-7178		
Kenney and Associates P.O. Box 15786 Charlotte, N. C. 28210	(704) 525-7208	Gene Kenney	Sump pump
Meriam Instrument 10920 Madison Ave. Cleveland, Ohio 44102	(216) 281-1100		Orfice plates

PEABODY S. E., INC. - VENDORS/SUB-CONTRACTORS
Utilities Expansion -MCAS(H), New River, N. C.

Name and Address	Telephone Number and Person to Call	Concerning
Aurora Pump 800 Airport Rd. N. Aurora, Ill. 60542		Raw water, treated water, and sewage pumps
Griswold 124 E. Dyer Rd. Santa Ana, Cal. 92707	(714) 546-3844	Rate of flow controllers

Enclosure C:
September 8, 1977

Punch List on Water Treatment Plant date August 25, 1977.

OK 1. Air conditioning unit raised to allow drainage of condensate line and insulation repaired.
OK 2. Drop ceiling extended to windows.
3. Base tile complete in control room less 6' section which shall be completed when condensation problem has been eliminated in that area.
4. Neoprene seal has been installed on cl2 door base.
5. 4' vestibule screen in locker room has been traded for insulation.
6. Sanitary clean out covers (flush floor style) have been ordered from Davis Meter and Supply and should be in shipment to jobsite.
OK 7. Base tile has been installed in locker room.
OK 8. Mortise plate has been installed on chlorine room door.
9. Insulation joints on pipe above control room ceiling have been sealed.
10. Completion of influent and effluntnate of flow meter, is pending shipment of square root extractor and power pack.
OK 11. Chain installed from handrail to spiractor as agreed in lieu of handrail extention.
12. The lime slaking operation is currently under investigation and a solution to the problem will be forthcoming.
OK 13. Hangers have been added to catalyst line.
OK 14. 12" recarb line has been recaulked.
OK 15. 1½" spiractor clean out line has been straped where necessary.
16. (A.) Filter #2, 3rd trough has been measured and found to be 3/8" to low. Unfortunately attempts to correct this error are not possible without damaging the trough since the trough has been welded to the wall by the application of an epoxy wall coating.
(B.) Vibration of surface wash indicators is unavoidable. These indicators are approved as required by the specifications.
(C.) Leaking bolt holes have been corrected by the addition of oversize washers and gasket material.
17. It is not know at this time whether the backwash pump is not pumping to capacity or the meter is incorrect. This will be determined at a later date.
18. Completion of tile floor in mezzanine area pending the enclosure of the overhead area by another contractor. When that area becomes weathertight installation of tile will resume.
OK 19. Pipe hangers painted.
20. Pipes where touched up with aluminum paint once but efforts are thwarted by the constant presence of condensation on every wall and pipe surface within the plant.
OK 21. Insullation has been sealed.
22. Extra motor for lime slurry pump provided as requested.
23. Rate of flow meters on filter consoles will be rechecked and adjusted if necessary when factory rep. arrives.
24. N/A at this time.
25. Metal troughs have been provided for oil drainage where necessary.
26. Griswold rate of flow controllers were modified from 400gpm to 200gpm in May, 1976.

27. According to our records, rate of flow test for well "P" was provided per transmittal #97 dated July 11, 1975.
28. All prefabricated metal buildings have been sealed with caulking around base perimeter. Our building contractor has agreed to relocate purlins over wells and provide angle girt at walls where omitted due to door opening.
29. Vibration isolators for Air conditioning condensing unit have been installed, condensate line raised to drain and insulation repaired as previously stated in item one.
30. Valve operator is being repaired and should be in shipment shortly.
31. Sticking filter valve was freed, but has stuck again since this writting; will check to determine cause.

Electrical punch list has been forwarded to our sub-contractor. Southerland Electric, for their corrective action.

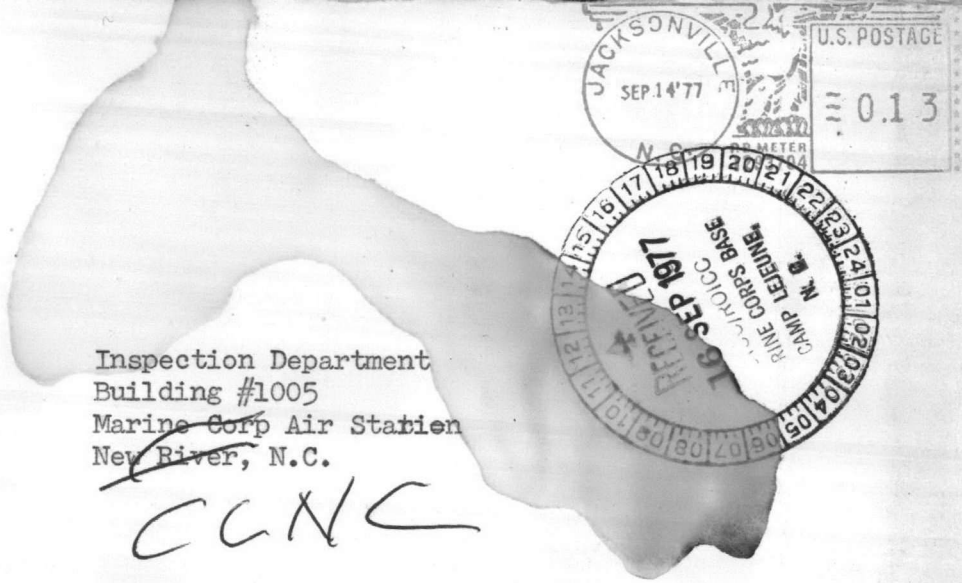
We will monitor their progress as we shall the other subs on this project (in conjunction with the inspector) to insure the hasty and satisfactory completion to this project.

SOUTHERLAND ELECTRIC COMPANY
POST OFFICE BOX 626
JACKSONVILLE, NORTH CAROLINA 28540

Attention: Mr. John Carpenter

Inspection Department
Building #1005
Marine ~~Corp~~ Air Station
New River, N.C.

CCNC



ST. WIDE. LIC. CL. 1 NO. 83

PHONE 919/347-1754

SOUTHERLAND ELECTRIC COMPANY

ELECTRICAL CONTRACTORS

HIGHWAY 17, NORTH — P. O. BOX 626

JACKSONVILLE, NORTH CAROLINA 28540

ROUTING ORDER	INT
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RETURN TO 510	

September 14, 1977

John please
See me on this

Peabody S.E., Inc.
P.O. Box 7934
Orlando, Fla. 32804

RE: Utilities Expansion
MCAS (H), New River, N.C.
Contract #N62479-73-C1155

Dear Mr. Wright:

In reference to your letters dated 9-8-77, the service and transformer for your job site office were removed 9-13-77.

In regards to the punch list all items have been corrected with the exception of the following:

Item #2--Name tags are being made and will be installed when received.

Item #12--was furnished by Peabody and should be corrected by Peabody.

Item #17--was furnished by Peabody. It is my understanding that the guard was removed by plant personel

Item #21--Southerland Electric installed the conduit in the opening made by us. Jacksonville Heating later installed their refrigeration lines to keep from cutting an additional hole, therefore this problem should be corrected by Jacksonville Heating and not Southerland Electric Company.

In regards to Item #10, which was not a part of the contract, can be accomplished for additional fee.

In regards to Item #6, we are not sure as to what the owner's want since they have copies of the plans.

If we can be of further service, please contact us at this office.

Sincerely yours,

Frank Hardy

FH:G
Copy to:
Inspection Dept. Bldg. #1005
Marine Corp Air Station, New River, N.C.
Att: Mr. John Carpenter


RECEIVED
16 SEP 1977
OICC/ROICC
MARINE CORPS BASE
CAMP LEJEUNE,
N.C. 28542

DEPARTMENT OF THE NAVY
RESIDENT OFFICER IN CHARGE
NAVAL FACILITIES ENGINEERING COMMAND CONTRACTS
CAMP LEJEUNE, NORTH CAROLINA 28542

IN REPLY REFER TO:
43-60:BLR:ds
N62470-73-C-1155
20 January 1978

Peabody, S. E.
Post Office Box 7934
Orlando, Florida 32804

Re: Contract N62470-73-C-1155, Utilities Expansion, Marine Corps Air Station (H), New River, Jacksonville, North Carolina.

Gentlemen:

Your letter of 29 November 1977, has been reviewed, as have all pending work and actions for the subject contract. Telephone conversations between Mr. John Olive of Peabody and the writer have identified the need for such a review and identification of actions which must be carried out by your firm prior to accomplishing a final inspection and acceptance of the work. Accordingly, the enclosed punch list is provided for your information and action. You are requested to review this list and provide a proposed schdule for accomplishment of this work.

It is hoped that prompt action will be taken to complete the remaining work under this contract. If further clarification is required, do not hesitate to contact this office.

Sincerely yours,

B. L. RABOLD
LT, CEC, USN
Assistant Resident Officer in
Charge of Construction

Enclosure

FIELD

PUNCH LIST - SEWAGE TREATMENT PORTION OF CONTRACT N62470-73-C-1155, Utilities Expansion, Marine Corps Air Station (H), New River, Jacksonville, North Carolina

1. Grass seeding is required in the area south of the filter beds and pump room. This area was excavated to repair a leaking pipe, and no mulch, lime, fertilizer, or grass was placed in the area.

2. Repair all leaks around pipes penetrating the concrete wall in the pump room.

3. Provide necessary technical publications for all sewage plant and sewage pumping station mechanical and electrical equipment as specified in Section 1 Paragraph 1A.16.

4. Provide an ID tag and nameplate for all electrical equipment.

5. Repair aerator located in the surge basin.

6. Repair/Replace as necessary electrical and mechanical equipment in the sludge pit. The sump pump in this pit failed to function properly and resulted in flooding of the pit and all equipment.

7. Provide thresholds at exterior doors in accordance with Division 8E Paragraph 8E.3.6 of the specifications. Specifically, the extended lip to receive a hook strip must be provided.

8. Provide the services of the automatic control subcontractor upon completion of the repairs to the basins (done under a separate contract) to adjust all controls and provide instructions to operators on all equipment installed at the sewage plant. Expected date of this service is August 1978.

9. Provide keys for all doors as specified in Section 8E Paragraph 8E.3.2.C.

10. Stencil identification markings on all conduit and piping as specified in Section 9B Paragraph 9.B.6.6.1.

PUNCH LIST - WATER TREATMENT PORTION OF CONTRACT N62470-73-C-1155, Utilities Expansion, Marine Corps Air Station (H), New River, Jacksonville, North Carolina

1. Provide necessary technical publications for all water plant mechanical and electrical equipment as specified in Division 1 Paragraph 1A.16.

2. Provide ID tags and nameplates for all electrical equipment.

3. Provide thresholds at exterior doors in accordance with Section 8E Paragraph 8E.3.6 of the specifications.

4. Provide keys for all doors as specified in Section 8E Paragraph 8E.3.2.C.

5. Provide a 1 year's supply of recording charts and ink as specified in Section 15L Paragraph 15L.8.2.(i).

6. Repair influent and effluent rate of flow meters.

7. Lime slaker requires adjustment. The conveyor does not shut off correctly. Also, the probes in the slurry tank are set too high.

8. Repair leaks where 12 inch pipe penetrates the recarb tank wall.

9. The third trough in filter No. 2 is too low.

10. Correct vibration on surface wash indicators.

11. Repair leaking bolt holes on all filters.

12. Calibrate/Adjust backwash meters.

13. Provide an extra motor for the lime slurry pump in accordance with Division 15-F Paragraph 15-F-6.5.

14. Repair and repaint interior walls in pipe gallery and spiractor room. The existing paint is peeling severly.

15. Relocate purlins in two well houses to allow removal of pump. Electrical relocation is required in order to accomplish this work.

16. Stencil identification markings on all conduit and piping as specified in Section 9B Paragraph 9.B.6.6.1.

17. Replace starter interior and make backwash pump #1 operative.

18. Conduit and refrigeration lines are run side by side in the same opening. In addition, sleeves are not provided.

Peabody S.E., Inc.
1930 Silver Star Road | PO Box 7934 | Orlando, Florida 32804 | Telephone 305 299-3020

JOHN CARPENTER COMMENTS?

ROUTING ORDER	INT
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RETURN TO 510

November 29, 1977

Lt. Rabold, CEC, USN
Assistant Resident Officer
in Charge of Construction
Department of the Navy
Building 1005
Camp LeJeune, North Carolina

RE: Utilities Expansion
MCAS (H) N62470-73-C1155
43-60:BLRmtm

Peabody S.E.

Dear Lt. Rabold:

In response to your letter of November 16, 1977, we offer the following information. All items on the Navy's punch list letter of September 1, 1977 have been completed and accepted by Mr. John Carpenter, Resident Inspector for the Navy. Each of these items were marked with the letters "O.K." on our copy of said punch list by Mr. Carpenter.

As per the Navy's letter dated August 25, 1977, we offer the following information on each item:

1. Items 1 through 9 - Completed.

2. Item 10 - Operation of finish water effluent meter is pending instrument components coming from Bristol Instrument Div., 40 Bristol Street, Waterbury, Connecticut 06720.

3. Items 11 through 15 - Completed.

4. Item 16 -

   a. Filter #2, 3rd trough has been measured and found to be 3/8" to low. Unfortunately attempts to correct this error are not possible without damaging the trough since the trough has been welded to the wall by the application of an epoxy wall coating.

   b. Vibration of surface wash indicators is unavoidable. These indicators are approved as required by the specifications.

c. Leaking bolt holes have been corrected by the addition of oversize washers and gasket material.

5. Item 17 - We have checked the backwash pumps and find them to be operating to capacity. The problem however lies with BACKWASH FLOW INDICATOR DIAL. This is Bristol equipment. We have arranged for them to have service personnel on the job no later than December 9, 1977.

6. Items 18 through 23 - Completed.

7. Item 24 - This item to be checked by the J.K. Timmons & Associates.

8. Items 25 through 27 - Completed.

9. Item 28 - Majority of work on this item complete. There remains three well houses to have roof purlins relocated. This will be accomplished within the first two weeks of December.

10. Items 29 through 31 - Completed.

The electrical punch list, items 1 through 26 have been completed and, according to our correspondence with the electrical subcontractor, Southerland Electric, these items have been accepted by the inspector.

In addition to the punch list, we are having sent to the water treatment plant at the air station a replacement part for the McCrometer raw water influent flow meter, a new jet for the Permutit catylist eductor, a new lime hopper for the lime slaker and a new pump diaphram head for the lime slurry pump.

We have contacted the new owner of the job office trailer, and they have assured us that the trailer will be moved this week.

I plan to be at the job the first week of December.

Sincerely,

PEABODY S.E., INC.

Frank Wright

Frank Wright
Project Manager

FW:sks

cc: Alan E. Rhodus
File