



Enviremedial Services, Inc.
The Solution is Clear

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Site: MCRC Fort Worth, TX

Date: 02/14 & 15/2008

POC: Sgt. Richardson

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Wash Rack PMIS Check Sheet

| CONTAINER/BUILDING | | Action Taken | Notes / Items for Future Service |
|--|--|--|----------------------------------|
| Lights | <input checked="" type="checkbox"/> Operable <input type="checkbox"/> Non Operable | Light inside container and washpad exterior lights operational | |
| HVAC | <input checked="" type="checkbox"/> Operable <input type="checkbox"/> Non Operable | Tested and adjusted | |
| Backup HVAC | <input checked="" type="checkbox"/> Operable <input type="checkbox"/> Non Operable | Pilot light was out on natural gas backup heater. Restarted pilot light and tested unit. | |
| Water | <input checked="" type="checkbox"/> Operable <input type="checkbox"/> Non Operable | | |
| Power | <input checked="" type="checkbox"/> Operable <input type="checkbox"/> Non Operable | | |
| Natural Gas | <input checked="" type="checkbox"/> Operable <input type="checkbox"/> Non Operable | | |
| Floor Sump Pump | <input checked="" type="checkbox"/> Operable <input type="checkbox"/> Non Operable | Tested | |
| Physical Structure: Condition | <input checked="" type="checkbox"/> Operable <input type="checkbox"/> Non Operable | Excellent condition, with the exception of the container floor. Floor was stained before retrofit. Inside floor was pressure washed after PM. | |
| Air distribution system: Check for leaks | <input checked="" type="checkbox"/> Operable <input type="checkbox"/> Leaking | Main air compressor pump was unserviceable. Compressor replaced with new unit and old usable parts put in inventory for future use at other sites. | |
| WASH PAD/HYDROPAD | | Action Taken | Notes / Items for Future Service |
| Physical Condition | <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Not Acceptable | | |
| Grit Traps/Sediment Troughs Level | Level: 1" sediment in trough | Grates removed and sediment containerized. | |
| Water diversion plates | <input type="checkbox"/> Operable <input type="checkbox"/> Non Operable | N/A | |
| H.P. Water connection points | <input checked="" type="checkbox"/> Operable <input type="checkbox"/> Non Operable | | |
| Air connection points | <input checked="" type="checkbox"/> Operable <input type="checkbox"/> Non Operable | | |
| Electrical connection points | <input type="checkbox"/> Operable <input type="checkbox"/> Non Operable | N/A | |
| Hose reels | <input checked="" type="checkbox"/> Operable <input type="checkbox"/> Non Operable | Hose reels in good working order. All reels pressure washed and cleaned. | |
| Remote operation control panels | <input checked="" type="checkbox"/> Operable <input type="checkbox"/> Non Operable | Tested | |
| Hydropad Transfer Pump | <input type="checkbox"/> Operable <input type="checkbox"/> Non Operable | Tested | |
| Hydropad Electrical connections | <input type="checkbox"/> Operable <input type="checkbox"/> Non Operable | | |
| Clean wash pad / wash area | <input checked="" type="checkbox"/> Completed | Wash pad sediement trough was cleaned out and sediement contained for unit disposdal. | |
| Clean General Area (Weeds, trash, ect) | <input checked="" type="checkbox"/> Completed | | |
| SEDIMENT COLLECTION PIT | | Action Taken | Notes / Items for Future Service |
| Water Level | Normal | All water processed through unit and sent to sewer for sediment removal and pit refilled. | |

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| Sediment Depth | Depth: less than 1" over entire collection basin | | Entire pit water was processed through the reclaim unit and sent to sewer. Pit sediment was removed and containerized for disposal by unit. Pit steam cleaned and re-filled. | |
| Floating Oils Depth | Depth: Light Sheen | | | |
| Trash | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | Trash dumpster full, no place to empty trash can | |
| Surface Skimmer | <input type="checkbox"/> Operable <input type="checkbox"/> Non Operable | | N/A | |
| Transfer pump | <input checked="" type="checkbox"/> Operable <input type="checkbox"/> Non Operable | | Tested | |
| Level Switches | <input checked="" type="checkbox"/> Operable <input type="checkbox"/> Non Operable | | Tested | |
| Makeup Water Valve | <input checked="" type="checkbox"/> Operable <input type="checkbox"/> Non Operable | | Tested | |
| Chlorine Added | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Amount: | | 1 tab in collection pit | |
| OIL WATER SEPARATOR | | | Action Taken | Notes / Items for Future Service |
| <i>Sediment Depth:</i> | | | OWS inspected, tested and cleaned. Collecting media inspected. | |
| Stage 1 | Depth: 0" | | Checked | |
| Stage 2 | Depth: 0" | | Checked | |
| Stage 3 | Depth: 0" | | Checked | |
| <i>Oil Depth:</i> | | | Checked | |
| Stage 1 | Depth: .25" | | Checked | |
| Stage 2 | Depth: 0" | | Checked | |
| Stage 3 | Depth: 0" | | Checked | |
| Oil Alarm | <input checked="" type="checkbox"/> Operable <input type="checkbox"/> Non Operable | | Tested | |
| OWS Pump | <input checked="" type="checkbox"/> Operable <input type="checkbox"/> Non Operable | | Tested | |
| OWS Valves | <input checked="" type="checkbox"/> Operable <input type="checkbox"/> Non Operable | | Tested | |
| OWS Piping | <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Not Acceptable | | Connected to new sewer line installed by other contractor. | |
| OWS Pit High Level Discharge System | <input checked="" type="checkbox"/> Operable <input type="checkbox"/> Non Operable | | Tested | |
| CMAFU | | | Action Taken | Notes / Items for Future Service |
| Is Hydro pad / wash pad sump pumping to the CMAFU | <input type="checkbox"/> Yes <input type="checkbox"/> No | | N/A | |
| Does the level switch control the level properly for the CMAFU | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | Tested | |
| Is the CMAFU sump pumping to the Settling Tank tank | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | Tested | |
| Does the paper advance limit switch work | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | Tested | |
| Paper Level | 1/3 paper remaining | | | |
| Clean CMAFU Holding Tank | <input checked="" type="checkbox"/> Completed | | Inspected, tank clean no accumulating sediment | |

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| Check Filter Paper Remaining | <input checked="" type="checkbox"/> Completed | <input type="checkbox"/> Installed New Roll | Will replace paper roll in March when ESI PMIS Fort Worth | |
| Spare Filter Paper Rolls | Number of Rolls on Hand: 4 | | | |
| Oil Chain Drive on CMAFU | <input checked="" type="checkbox"/> Completed | | | |
| Remove Used Filter Paper | <input checked="" type="checkbox"/> Completed | | | |
| Grease Oil Collection System Rollers | <input type="checkbox"/> Completed | | Inspected, bearing still full | |
| POWER WASHERS | | | Action Taken | Notes / Items for Future Service |
| | Unit #1 | Unit #2 | | |
| Clean Strainers | <input checked="" type="checkbox"/> Completed | <input type="checkbox"/> Completed | Strainer were clean not particulate | |
| Check Oil Level & Cleanliness | <input checked="" type="checkbox"/> Completed | <input type="checkbox"/> Completed | Oil clean and full | |
| Check belts for alignment and wear | <input checked="" type="checkbox"/> Completed | <input type="checkbox"/> Completed | Belts servicable and tight | |
| Check H.P Hoses | <input checked="" type="checkbox"/> Completed | <input type="checkbox"/> Completed | Inspected, no leaks | |
| Diesel Fired Units: Check Level | Level: | <input checked="" type="checkbox"/> N/A | Natural gas units | |
| Notify Unit of Low Diesel Level | <input type="checkbox"/> Unit Notified | <input checked="" type="checkbox"/> N/A | | |
| Pump Oil Changed | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | | |
| Pervious PM Hours | Hours: 413.0 | Hours: 78.0 | | |
| Unit Hours | Hours: 421.1 | Hours: 90.4 | | |
| Hours Used Since Last PM | Unit #1 8.1 | Unit #2 12.4 | | |
| Turn on power washers one at a time (Minimum 5 minutes each) | Temp: 180 | Temp: 180 | | |
| | Pressure: 2500 | Pressure: 2500 | | |
| | Unit #3 | Unit #4 | Action Taken | Notes / Items for Future Service |
| Clean Strainers | <input checked="" type="checkbox"/> Completed | <input type="checkbox"/> Completed | Strainer were clean not particulate | |
| Check Oil Level & Cleanliness | <input checked="" type="checkbox"/> Completed | <input type="checkbox"/> Completed | Oil clean and full | |
| Check belts for alignment and wear | <input checked="" type="checkbox"/> Completed | <input type="checkbox"/> Completed | Belts servicable and tight | |
| Check H.P Hoses | <input checked="" type="checkbox"/> Completed | <input type="checkbox"/> Completed | Inspected, no leaks | |
| Diesel Fired Units: Check Level | Level: | <input checked="" type="checkbox"/> N/A | Natural gas units | |
| Notify Unit of Low Diesel Level | <input type="checkbox"/> Unit Notified | <input checked="" type="checkbox"/> N/A | | |
| Pump Oil Changed | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | | |
| Pervious PM Hours | Hours: 347.0 | Hours: 136.0 | | |
| Unit Hours | Hours: 350.5 | Hours: 138.7 | | |
| Hours Used Since Last PM | Unit #3 3.5 | Unit #4 2.7 | | |

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| Turn on power washers one at a time (Minimum 5 minutes each) | Temp: 180 | Temp: 180 | | |
| | Pressure: 2500 | Pressure: 2500 | | |
| AIR COMPRESSOR | | | Action Taken | Notes / Items for Future Service |
| Cleanliness | <input checked="" type="checkbox"/> Acceptable | <input type="checkbox"/> Not Acceptable | Air compressor replaced due to unservicable compressor pump. | |
| Oil Level | <input checked="" type="checkbox"/> Acceptable | <input type="checkbox"/> Not Acceptable | New oil | |
| Check Belts for Alignment and Wear | <input checked="" type="checkbox"/> Acceptable | <input type="checkbox"/> Not Acceptable | Belt inspected and tightened | |
| Check Motor Overload | <input checked="" type="checkbox"/> Acceptable | <input type="checkbox"/> Not Acceptable | Tested | |
| Check Start Up Amperage | Amps: 35 | | Tested | |
| Check Run Amperage | Amps: 12.5 | | Tested | |
| Drain Air Tank/Check Auto Drain | <input checked="" type="checkbox"/> Completed | | Drained | |
| RECLIAM SYSTEM | | | Action Taken | Notes / Items for Future Service |
| Fresh Water Tank Level (3/4 is desirable) | Level: Normal | | Inspected | |
| Conduct Entire Plumbing for Leaks | <input checked="" type="checkbox"/> Completed | | No Leaks | |
| Check Disk or Screen Filters for Operation | <input checked="" type="checkbox"/> Completed | | 25 Micron screen removed from unit and pressure washed, re-installed and tested. | |
| PM Filters | <input checked="" type="checkbox"/> Completed | | N/A | |
| Check Transfer Pumps for Leaks / Leak Signs | <input type="checkbox"/> Completed | | No Leaks, pumps in excellent condition | |
| Check Chemical levels | <input checked="" type="checkbox"/> Completed | | Chemical levels good. No chemicals have been needed. | |
| Check Dosing Pump Tubing and Elastamers | <input checked="" type="checkbox"/> Completed | | No Leaks | |
| Inspect Inline Mixers | <input checked="" type="checkbox"/> Completed | | Mixers clean | |
| Calibrate pH Probes | <input checked="" type="checkbox"/> Completed | | pH probe calibration sucessful | |
| Calibrate Temp Sensors | <input checked="" type="checkbox"/> Completed | | Temp Calibration sucessful | |
| Inspect Control Panel | <input checked="" type="checkbox"/> Completed | | Clean and servicable. Updated PLC program to version v.2 | |
| Inspect Telemetry | <input checked="" type="checkbox"/> Completed | | Tested, rebooted and retested. IP established in 15 seconds. | |
| Check Valves for Proper Operation | <input checked="" type="checkbox"/> Completed | | Tested | |
| Check All Valves for Leaks | <input checked="" type="checkbox"/> Completed | | No Leaks | |
| Check All Level Switches for Proper Operation | <input checked="" type="checkbox"/> Completed | | All level switches servicable | |
| Vessel Media | <input checked="" type="checkbox"/> Completed | | AnJan media servicable o media change required. | |
| Check Vessel #1 for Cleanlieness | <input type="checkbox"/> Acceptable | <input type="checkbox"/> Not Acceptable | N/A | |
| Vessel #1 Carbon Level | Level: | | N/A | |
| Check Vessel #2 for Cleanlieness | <input type="checkbox"/> Acceptable | <input type="checkbox"/> Not Acceptable | N/A | |

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| Vessel #2 Carbon Level | Level: | | N/A | |
| Clean Strainer | <input checked="" type="checkbox"/> Completed | | Strainer cleaned and re-installed | |
| <i>Turn Unit On:</i> | | | | |
| Check Pump 1 for Water Flow | <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Not Acceptable | | Good pressure and flow | |
| Check Pump 2 for Water Flow | <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Not Acceptable | | Good pressure and flow | |
| Check Vessel Pressure | <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Not Acceptable | | 23.5 psi | |
| Change Media if needed | <input type="checkbox"/> Completed Amount: | | N/A | |
| Sample Water Quality | <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Not Acceptable | | Clean water tank water excellent quality | |
| Add Choline Tab to Clean Water Tank | <input checked="" type="checkbox"/> Completed Amount: | | 1/4 tab added | |
| Run Power Washer Until System Cycles 2x | <input checked="" type="checkbox"/> Completed | | All pressure washers run and tested. System cycled for 2 hours while compressor was changed out. System test normal. | |
| FOAMER | | | Action Taken | Notes / Items for Future Service |
| Check Foamer Soap Level | Level: | | Not Used | |
| Check Mixing Valve on Soap Tank | <input type="checkbox"/> Operable <input type="checkbox"/> Non Operable | | Not Used | |
| Inspect for Leaks: | | | Not Used | |
| Pumps | <input type="checkbox"/> Acceptable <input type="checkbox"/> Not Acceptable | | Not Used | |
| Control Box | <input type="checkbox"/> Acceptable <input type="checkbox"/> Not Acceptable | | Not Used | |
| Valves | <input type="checkbox"/> Acceptable <input type="checkbox"/> Not Acceptable | | Not Used | |
| Hook Up Foamer Units | <input type="checkbox"/> Completed | | Not Used | |
| Check Foamer Air Pressure | Pressure: | | Not Used | |
| Adjust Foamer Spray for Desired Consistency | <input type="checkbox"/> Completed | | Not Used | |
| GENERAL | | | Action Taken | Notes / Items for Future Service |
| Power wash wash pad / Hydro Pad | <input checked="" type="checkbox"/> Completed | | Pad washed | |
| <i>Power wash container/building:</i> | | | | |
| Inside | <input checked="" type="checkbox"/> Completed | | | |
| Outside | <input checked="" type="checkbox"/> Completed | | | |
| Wipe down all components after inspection | <input checked="" type="checkbox"/> Completed | | | |
| Give copy of inspection check list to unit personnel in charge of wash rack | <input checked="" type="checkbox"/> Completed | | | |