

## Appendix C - Inspection Schedule

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# 1.0 General Inspection Requirements 40 CFR §264.15

## 1.1 Tank 2007

Tank 2007 (“T-2007”) is part of normal refinery operations for storage of API Separator sludge and dissolved air flotation (“DAF”) float prior to their disposal at a permitted off-site facility. T-2007 is monitored on a daily basis for operational purposes whenever sludge is transferred to the tank. In addition, the operator checks the piping to make sure the tank is ready to receive sludge.

### 1.1.1 Daily Inspection

Aboveground portions of the tank system, including piping and ancillary equipment are inspected daily to detect corrosion or releases of waste. Daily operating data is gathered from monitoring and leak detection equipment (e.g., pressure or temperature gauges, monitoring wells) to ensure that the tank system is being operated according to its design. The construction materials and the area immediately surrounding the externally accessible portion of the tank system, including the secondary containment system (e.g., dikes) to detect erosion or signs of releases of hazardous waste (e.g., wet spots, dead vegetation), are also inspected daily. The inspection is documented on the daily inspection log provided in Appendix C-1 and that inspection log is maintained in the Facility’s operating records for a minimum of three years from the date of inspection.

### 1.1.2 Internal Inspection

Whenever the tank is emptied, an internal inspection of the tank is conducted by personnel in WRC’s Reliability Department who have been trained in confined space entry and internal tank inspection procedures. That inspection is conducted to make sure there are no internal problems, such as corrosion or pitting, that could lead to leaks or other failure of the tank. Repairs are made as necessary, and an inspection report is written and maintained in the Facility’s operating records for a minimum of three (3) years from the date of inspection.

### **1.1.3 Subpart CC Inspections**

Semiannual inspections of T-2007 are performed to make sure the tank meets air emission limits (see Appendix C-2.)

## **1.2 Closed Storm Water Retention Pond**

The Closed Storm Water Retention Pond is inspected semi-annually for condition of the final cap, run-on and run-off controls, and integrity of general facility equipment. The items for inspection are noted on the inspection log that is included in Appendix C-3, and that inspection log is maintained in the Facility's operating records for a minimum of three years from the date of inspection.

**Wynnewood Refining Company**  
**API SEPARATOR SLUDGE/DAF FLOAT STORAGE TANK**  
**DAILY INSPECTION CHECKLIST**

Inspection Date: \_\_\_\_\_ Time: \_\_\_\_\_

Inspector's Name: \_\_\_\_\_ Title: \_\_\_\_\_

Inspector's Signature: \_\_\_\_\_

**Tank/Ancillary Equipment**

| Inspection Item   | Status |    |
|---|--------|----|
|   | Yes    | No |
| Are there any indications of leaks, overflows, spills, or evidence of failure of the structural equipment, or other problems that may lead to a release of waste or waste constituents? |        |    |
| Is there any evidence of corrosion of the tank or ancillary equipment?  |        |    |
| Are there any wet spots or stressed/dead vegetation that may indicate a release?  |        |    |
| Are there any concerns that could lead to the release of volatile organic compounds such as open hatches, open valves or open drain lines?  |        |    |
| If "yes" to any of the above, describe:   |        |    |
|   |        |    |

**Secondary Containment**

|   | Yes | No |
|---|-----|----|
| Are there any indications of leaks, cracks, corrosion, or other problems that may lead to a release of waste or waste constituents? |     |    |
| If "yes", describe:   |     |    |
|   |     |    |

|  | Yes | No |
|--|-----|----|
| Corrective Action Needed?                  |     |    |
| Corrective Action Taken?                   |     |    |
| Date and Description of Corrective Action: |     |    |
|  |     |    |

**Wynnewood Refining Company**  
**API SEPARATOR SLUDGE/DAF FLOAT STORAGE TANK**  
**SUBPART CC AIR EMISSION STANDARDS CHECKLIST**

Inspection Date: \_\_\_\_\_ Time: \_\_\_\_\_

Inspector's Name: \_\_\_\_\_ Title: \_\_\_\_\_

Inspector's Signature: \_\_\_\_\_

**Tank Roof**

| Inspection Item  | Status |    |
|--|--------|----|
|  | Yes    | No |
| Are there any indications of defects that could result in air pollutant emissions?                                 |        |    |
| Is there any evidence of visible cracks holes, or gaps in the roof sections or between the roof and the tank wall? |        |    |
| Is there any evidence of broken, cracked, or otherwise damaged seals or gaskets on closure devices?                |        |    |
| Is there any evidence of broken or missing hatches, access covers, caps, or other closure devices?                 |        |    |
| If "yes" to any of the above, describe:  |        |    |
|  |        |    |

**Wynnewood Refining Company  
RCRA Post-Closure Inspection Form  
Storm Water Retention Pond (Closed in Place as Landfill)**

Inspection Date: \_\_\_\_\_ Time: \_\_\_\_\_

Inspector's Name: \_\_\_\_\_ Title: \_\_\_\_\_

Inspector's Signature: \_\_\_\_\_

| Inspection Item  | Potential Problems   | Status     |              |
|--|--|------------|--------------|
|  |  | Acceptable | Unacceptable |
| <b>SURFACE IMPOUNDMENT</b>   |  |            |              |
| Final Cover and Cap  | <ul style="list-style-type: none"> <li>- Settlement or subsidence</li> <li>- Indicators of damage or erosion of clay cap</li> <li>- Damage to final cover</li> <li>- Erosion or undercutting at cap perimeter</li> </ul>   |            |              |
| Run-on/Run-off Controls  | <ul style="list-style-type: none"> <li>- Debris or sedimentation restricts flow (especially near endpoints of drainage)</li> <li>- Erosion or undercutting against cap or cover</li> <li>- Inadequate drainage away from cap</li> </ul>  |            |              |
| <b>GENERAL FACILITY EQUIPMENT</b>  |  |            |              |
| Security Fencing   | <ul style="list-style-type: none"> <li>- Damaged chain link mesh</li> <li>- Damaged or improper operation of gates</li> <li>- Gate locks inoperable</li> </ul>   |            |              |
| Signs  | <ul style="list-style-type: none"> <li>- Missing or illegible</li> </ul>   |            |              |
| Surveyed benchmarks  | <ul style="list-style-type: none"> <li>- Benchmarks missing or damaged</li> </ul>  |            |              |
| Groundwater monitor wells (surface components only)  | <ul style="list-style-type: none"> <li>- Missing, unlocked or inoperable locks</li> <li>- Damage to outer casing or cover</li> <li>- Inner cap missing or damaged</li> <li>- Well pad or protective pilings damaged or inadequate</li> <li>- Erosion around monitoring well or well pad</li> <li>- Ponded water around wells</li> <li>- Monitor wells not properly identified</li> </ul> |            |              |
| <b>COMMENTS:</b>   |  |            |              |
|  |  |            |              |
|  |  |            |              |
|  |  |            |              |
| <b>REMEDIAL ACTION INFORMATION:</b> If status column indicates an unacceptable condition for any inspection item, provide the date(s) and identify the remedial action(s) taken: |  |            |              |
|  |  |            |              |
|  |  |            |              |