

PERMIT ATTACHMENT H POST-CLOSURE CARE PLAN

H.1 INTRODUCTION

The Sparton Technology, Inc. Facility was closed in 2001, and is currently undergoing post-closure care, which includes maintaining the integrity of the asphaltic concrete cap that covers the surface impoundment that was once used for storage of hazardous waste. Post-closure care also involves maintenance of the security fences around the cap, and inspection of the condition of the cap. The following sections present a description of the security measures that the Permittee must take during the post-closure care period. Also described are the inspection plan, and the maintenance plan.

H.2 SECURITY PLAN

The closed surface impoundment is bounded by a car dealership building on the south side and an 8-foot-high chain link fence on the other three sides. Access to the area is via a locking personnel gate on the northwest side of the fence and a locking vehicular gate on the southeast side. Warning Signs are posted at all gates reading "DANGER, Unauthorized Personnel Keep Out" in both English and Spanish. The signs have black letters on a yellow background and are visible from at least 25 feet in all approaching directions. Security inspections of the fences, gates, locks, and signs shall continue to take place on quarterly basis to assure equipment integrity and to look for evidence of vandalism and/or tampering. Should any security problem be found during inspection, appropriate personnel shall be informed immediately, and repairs and/or replacement shall commence as soon as possible and be completed prior to the next inspection. A security checklist component is included in the overall post-closure care inspection checklist provided in Permit Attachment E (Inspection Plan).

H.3 INSPECTION PLAN

The general post-closure care inspection of the cap and associated groundwater wells shall be conducted semi-annually as described in Permit Attachment E (Inspection Plan).

H.4 GROUNDWATER WELL INSPECTION PLAN

Inspection will concentrate on the possibility of subsidence of the cap area. There are six survey benchmarks in the asphaltic wearing surface. These benchmarks are tied-in horizontally and vertically to the plant grid. At least semi-annually, or after notice of suspected subsidence has been given, a registered surveyor shall verify the elevations of these benchmarks. Access to the cap by vehicles shall be totally restricted while the survey is taking place.

Prior to the survey, water shall be introduced, preferably from a fire hose on the up-slope sides of the cap and allowed to run down-slope. This will confirm that the grade is sufficient to allow drainage and may indicate areas of pavement subsidence, by the ponding of water, on what is supposed to be a slope. Any suspected areas of subsidence shall be surveyed to determine the extent of the problem.

If subsidence is indicated on the cap, the NMED shall be notified immediately, and a determination shall be made as to the cause of the subsidence and the subsequent plan of

action.

The following is a summary of certain Consent Decree provisions; however, the summary does not supersede or change any terms of the Consent Decree. In the event of any conflict between the summary and the Consent Decree, the Consent Decree shall control.

H.4.1 Summary of Groundwater Monitoring Data

A summary of the groundwater monitoring data is provided in Attachment A to the Consent Decree (Groundwater Monitoring Program Plan), and in annual reports submitted to NMED/the Department as stipulated by Attachment D of the Consent Decree.

H.4.2 Aquifer Identification

The aquifer identification data is contained in Attachment A of the Consent Decree and in annual reports submitted to the Department, as specified in Attachment D of the Consent Decree.

H.4.3 Topographic Map Delineations

This information is related to corrective action which is addressed in the Consent Decree.

H.4.4 Description of the Plume of Contamination

The Description of the Plume of Contamination information is contained in Attachment A of the Consent Decree and in annual reports that the Permittee submits to the Department, as required by Attachment D of the Consent Decree. **Figure 5** of Permit Attachment L (Figures) illustrates the general plume hydrology of the Facility.

H.4.5 Groundwater Monitoring Program

The Groundwater Monitoring Program is governed by the Consent Decree. Information concerning this program is contained in Attachment A of the Consent Decree and in annual reports submitted to the NMED, as specified in Attachment D of the Consent Decree.

H.4.6 Detection Monitoring Program

The Detection Monitoring Program is governed by the Consent Decree. Information concerning this program is contained in Attachment A of that document and in the annual reports submitted to the Department, as stipulated by Attachment D of the Consent Decree.

H.4.7 Compliance Monitoring Program and Corrective Action Program

The Compliance Monitoring and the Corrective Action Programs are governed by the Consent Decree. Information concerning these programs is contained in Attachments A, C, E, F, and G of the Consent Decree and in annual reports submitted to the Department.

The Corrective Action Program is governed by the Consent Decree entered March 3, 2000. Information concerning this program is contained in Attachments A, B, C, E, F, and G of the Consent Decree and in the annual reports submitted to the Department.

H.4.8 Semi-Annual Reporting

The Annual reporting of groundwater monitoring data is required under Attachment A of the Consent Decree. The semi-annual reporting of groundwater data previously required was discontinued in 2016 with the approval of both the EPA and the Department.

H.5 MAINTENANCE PLAN

The Maintenance Plan will be implemented when inspection of the cap area covered by post-closure activities indicates the need. Maintenance shall include repair of the drainage swale southwest of the cap, the chain link fence, gates, locks, signs, the asphalt wearing surface of the cap and the groundwater monitoring wells. The drainage swale shall be kept clear of debris and its structural integrity assured. All security devices shall be maintained to a level which assures their integrity, visibility and proper working order. The asphalt wearing surface shall be maintained at a thickness of 3 inches, and any repair or repaving shall be done in accordance with the specifications in the post-closure care inspection described in Permit Attachment E (Inspection Plan).

All maintenance activities shall be carried out by personnel familiar with the tasks at hand. Any repair and/or replacement of the cap shall be contracted to professionals in that field, and NMED must be notified at least 10 days prior to commencement of maintenance works.