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Inspection Plan
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F.2 Inspection Schedule

This Section outlines the schedule for inspection of monitoring equipment, safety and emergency equipment, security devices, and operating and structural equipment that are vital to prevent, detect, or respond to environmental or human health hazards in accordance with IDAPA 58.01.05.012 and 58.01.05.008 (40 CFR §§270.14.(b)(5), and 264.15, and 264.33). The Section also addresses specific inspection areas in detail and contains examples of the inspection forms used at the facility. Table F-1 outlines inspection frequencies for each area of the facility.

F.2.a General Inspection Requirements

The following paragraphs identify facility equipment and operating areas, identify potential problems, and outline measures to prevent the occurrence of these problems. A copy of the completed inspection forms and the inspection schedule are kept at the facility. Completed inspection summaries are maintained for a period of at least three (3) years from the date of inspection.

As necessary, the format of the inspection forms may be modified from time to time to address ongoing inspection assignments. The intent of these changes would be to modify the organization of inspection forms as determined by implementation of inspection procedures. Changes to the inspection format would not require a formal permit modification since the content of the inspection forms/procedures would not be altered. Specifically, USEI can make changes to an inspection form if the revised form is “superior or equivalent” and the appropriate justification is placed in the operating record. The format of tables, forms, and the orientation of figures are not subject to the requirements of this Permit, and may be revised at USEI’s discretion. Any formatting change to inspection forms will be submitted to the DEQ for their records. Changes to the content of the inspection forms may require a formal Class 1, 2 or 3 Modification depending on the type of changes proposed.

F.2.a.(1) Types of Problems

Regular inspections are conducted to identify equipment malfunctions, structural deterioration, operator errors, uncontrolled run-off, leachate generation, or other discharges that could cause or lead to the release of hazardous waste constituents or that may threaten human health or the environment. The purpose of these inspections is to detect potential problems and to correct them before they result in a release of hazardous waste constituents and/or cause harm to human health or the environment.

Table F-1 presents the schedule of routine inspections for the various components/units critical to the proper operation of the facility. These inspections are considered important because of their role in preventing, detecting, or responding to environmental or human health hazards. Specific inspection items and potential problems associated with each inspection area are referenced in the following paragraphs as well as on each individual inspection form.

F.2.a.(2) Frequency of Inspections

The facility’s inspection schedule was developed based on applicable regulatory requirements, estimated rate of potential equipment deterioration, and the probability of an environmental or human health incident if any equipment deterioration, malfunction, or operator error were to go undetected between inspections. Table F-1 identifies the inspection frequency for each of the various facility components/units. The frequency of the scheduled inspections is based on a probability of an occurrence of an incident or malfunction and is designed to minimize the need to implement the facility’s Contingency Plan.

All facility units in which waste is actively being handled will be under surveillance for spills, malfunctions, and operator error during active operations. The activities discussed in the following paragraphs are more formal, documented procedures to support and verify these operational inspections.

In all active waste handling areas, a daily inspection is performed when the area is in use (i.e.; each operating day). Other areas are subject to weekly or monthly inspections.

For specified areas, identified in Table F-1, inspections are also performed after storm events of 0.50 inches of precipitation in 24 hours.
In accordance with IDAPA 58.01.05.008 (40 CFR §264.15), any deterioration or malfunction of equipment or structures that may cause or lead to the release of hazardous waste constituents or threaten the environment or human health will be corrected utilizing interim corrective measures, if necessary and final corrective measures. Where a hazard is imminent or has already occurred, action is taken expeditiously. Response actions for contingency procedures are provided in detail in the Contingency Plan.

F.2.b Unit-Specific Inspection Requirements

F.2.b.(1) Container Management Unit Inspection

Figures F-1, F-5, F-6, F-7, F-19, F-20, F-21 and F-22 are the inspection forms for the Container Management Units (CMUs), including:

- Container Storage Area 1 (CSA #1)
- Container Storage Pad 4 (CSP #4)
- Container Storage Pad 5 (CSP #5)
- RCRA(Pad 7)/PCB Storage Building
- Stabilization Facility
- Truck Unloading Aprons #'s 1 and 2 (Containment Building - Stabilization portion)
- Truck Unloading Apron #3 (Containment Building)

Containers may also be managed within the Containment Building as described in paragraph F.2.b(9).

Inspections of these units are conducted at the frequencies shown in Table F-1.

The CMUs are inspected for the presence of spilled material, leaking containers, and for deterioration of either the containers or the containment. If any of these conditions exist, corrective activities are instituted to clean up and limit the potential spread of material, and/or restore the integrity of the container or containment system. The CMUs and their associated containment systems are also visually inspected for the presence of cracks and gaps that could result in loss of containment effectiveness. Should structural problems occur that would allow leakage out of the unit or between compatibility segregation areas, or that may develop into a major failure, wastes would be relocated as necessary and repair activity will be initiated. CSA # 1 will be inspected for proper drainage controls. During scheduled inspections, the CMUs and their associated waste staging loading and unloading areas are visually inspected to determine that adequate aisle space is maintained. Individual containers are also inspected in preparation for the storage of wastes with a different waste compatibility class. Individual containers in the CMUs, subject to Subpart CC requirements, are inspected for Level 1 compliance. In this case, the area is checked to determine if any waste residue remains to an extent that it may react with wastes of a different compatibility class and require decontamination of the area prior to its change of use.

The CMUs (including trenches and containment system sumps) are inspected for the presence of liquids/solids. Spilled solids are removed in accordance with the requirements of the Contingency Plan. Liquids discovered in the collection trenches on the truck unloading aprons at the Containment Building are removed within 48 hours of discovery. If necessary, absorbent materials are utilized to absorb standing liquid for proper disposal. If necessary, sampling and analysis of materials removed from the containment areas is conducted in accordance with Section C.2 of the facility WAP.

F.2.b.(2) Tank System Inspection

Figure F-2 is the inspection form for the RCRA tank system (T-1, T-2, T-3, and T-4) and associated piping. Figure F-2a is the daily inspection form (when in use) for the Containment Building- Stabilization Portion Mixing Bin Tanks (MBT-1, MBT-2, MBT-3, MBT-4).

F.2.b.(2)(a) Tank System External Corrosion and Releases

All permitted external tanks, piping, valves, and connections are visually inspected for signs of leakage, corrosion, or structural deterioration. The leachate piping from landfill cells to the tanks, and from the tanks to the Evaporation Pond are inspected only when in use (i.e., when material is being transferred). Should discrepancies be identified, corrective measures would be implemented.

F.2.b.(2)(b) Tank System Construction Materials and Surrounding Area

The area immediately surrounding the externally accessible portion of the tanks, including the secondary containment, is inspected to detect any erosion or releases. Should any signs of significant erosion or a release be detected, corrective measures will be implemented.

F.2.b.(2)(c) Tank System Overfill Control Equipment

Overfill prevention devices and pressure/vapor venting equipment on tanks are checked for proper operation. Valves are also checked for closing and securing mechanisms, and tank labels are checked for correctness. Additionally, liquid level indicators on all tanks are inspected to verify they are functioning and that no leaks or obstructions have developed.

F.2.b.(2)(d) Tank System Monitoring and Leak Detection Equipment

All tanks and piping are above ground and do not have leak detection equipment. Although above ground piping is not required to employ leak detection equipment, in accordance with IDAPA 58.01.05.008 [40 CFR §264.193(f)(1)], secondary containment systems for the tanks do require leak detection (IDAPA 58.01.05.008 [40 CFR §264.193.(b)(2) and (c)(3)]). All monitoring and leak detection is done by visual inspection, as described in paragraphs F.2.b.(2).(a), (b), and (c).

F.2.b.(2)(e) Tank System Cathodic Protection

Not Applicable. All tanks are above ground.

F.2.b.(2)(f) Additional Tank System Inspection

The structural condition of the tanks are periodically ultrasonically tested per the frequency shown in Table F-1. Inspections of the interior condition of tanks require transfer of the entire contents of each tank and temporary removal from service.

Ultrasonic testing is performed on all steel tanks to obtain wall thickness. A minimum of two (2) representative thickness measurements are obtained in each ring section. If there is more than one plate per ring, at least one (1) representative thickness reading is obtained from each plate. Two (2) representative thicknesses are also obtained for the top and bottom tank shells. These tests are performed by a qualified testing company in accordance with current industry standards.

Tank testing results and the maintenance records of equipment and structures used in the tank system are maintained at the facility for a minimum of three (3) years.

F.2.b.(3) Waste Pile Inspection

Not Applicable.

F.2.b.(4) Surface Impoundment Inspection

Figure F-3 is the inspection form currently used for surface impoundment inspections (Collection Pond #'s 1 and 3 and Evaporation Pond) in accordance with IDAPA 58.01.05.000 (40 CFR §§264.226(b), 264.226(c)).

F.2.b.(4)(a) Condition Assessment

Surface impoundments are visually inspected daily and after a 0.5 in. rain event for freeboard (overtopping control), dike integrity, structural integrity, leakage, erosion, and liner integrity. Surface impoundments are also inspected visually for any sudden and/or unaccountable loss of contents, signs of erosion, and containment system deterioration. Use of a double-lined impoundment design at the facility also serves as a leak detection system for each impoundment. This inspection includes the notation of the presence and volumes of liquids collected in the leak detection system, as well as any system malfunctions. Should the quantity of liquid detected in the system exceed the warning leakage rate (WLR), then the Response Action Plan (RAP) will be implemented. WLR's are listed in the RAP.

If a significant structural problem (as described in the following paragraphs) is detected, the contents of the impoundment may be removed, as necessary, to allow maintenance and repairs. Inspection activities are conducted per the frequency shown in Table F-1.

F.2.b.(4)(b) Structural Integrity

A structural integrity problem is defined as either dike deterioration sufficient to cause potential failure of the dike, a breach in the lining causing a recognizable loss of volume, or anchor trench failure. All surface impoundments are inspected for structural integrity, including areas of the dikes providing freeboard. The liquid level within the surface impoundment may be lowered to allow for in-place repairs. When the impoundment is out of service for more than six (6) months, the structural integrity of the containment dikes are inspected by a qualified engineer prior to returning the unit to service. In accordance with IDAPA 58.01.05.008 ((40 CFR §264.226 (c)), the qualified engineer provides a certification that states that the dikes will withstand the stress of the pressure exerted by the type(s) and amount(s) of material to be placed in the impoundment.

F.2.b.(5) Incinerator Inspection

Not Applicable. The facility does not have an incinerator.

F.2.b.(6) Landfill Inspection

Figures F-4, F-4d, F-4e, F-4f, F-4g, F-4h, F-4i, and F-4j are the inspection forms utilized during the inspection of active landfill areas (Cells 14,15 and 16). All inspections are conducted pursuant to IDAPA 58.01.05.008 (40 CFR §264.303(b)). Post-closure inspections are performed in accordance with paragraph I.3.of Section I (Closure/Post-Closure Plan). Figures F-4a, F-4b, F-4c, and F-4h are the inspection forms utilized during inspection of closed landfills (Cell 5, Trenches 10 and 11, and PCB Trench 4). Figures F-16 and F-17 are the post-closure inspection forms for Cells 14 and 15. Inspection activities are conducted per the frequency shown in Table F-1.

F.2.b.(6)(a) Run-On and Run-Off Control System

During landfill inspections, the landfill run-on/run-off control systems are inspected for evidence of deterioration, malfunction, or improper operation. Particular attention is given to the integrity of

containment dikes (where present) and to any blockage of the drainage channels, swales, culverts, and other drainage structures.

F.2.b.(6)(b) Wind Dispersal Control System

Wind dispersal and dust control measures at the facility are inspected for adequacy and effectiveness. This activity includes both a visual inspection and determination of whether the condition of any exposed waste is a wind dispersal issue. When sustained wind speed conditions exceeding 25 mph (25 mph average for an hour) are confirmed, the spreading of hazardous waste will cease, however, wind dispersal control activities may continue (asphaltic emulsion, non-hazardous wastes, non-hazardous liquids, or soil cover) and may be applied on the freshly spread landfill surface. Hazardous waste placement operations will resume only after the sustained wind speed condition is below 25 mph. Landfill cover is also inspected during this activity.

F.2.b.(6)(c) Leachate Collection and Removal System

Leachate collection and removal systems (LCRS) and secondary leak detection, collection, and removal systems (LDCRS) of Landfill Cells 5, 14, 15, and 16 are inspected for the presence of liquids using the inspection forms shown in Figures F-4e, F-4f, F-4g, F-4h and F-4i. In the event the quantity of liquid detected in the LDCRS exceeds the WLR, then the procedures defined in the RAP will be implemented.

The exposed liner surfaces (if any) are visually inspected for damage and monitored for operations that could affect the integrity of the liner.

F.2.b.(7) Land Treatment Facility Inspection

Not Applicable. The facility does not have any land treatment operations.

F.2.b.(8) Stabilization Facility Inspection

Figure F-5 is the inspection form utilized in the inspection of the Stabilization Facility

The truck loading and unloading areas are inspected for any obstructions or spillage. General housekeeping items in this area are also noted. Ramps are inspected for spillage, structural integrity, and obstructions. Sumps are inspected for the presence of liquid or waste material. Secondary containment (i.e., concrete) is also inspected for spillage and for cracks and gaps that could result in loss of containment effectiveness.

The Stabilization Facility equipment (e.g., silos and hoods) is visually inspected for proper operation and structural integrity. The Stabilization Facility is visually inspected for spills and any potentially unsafe conditions resulting from the lack of, or malfunction of, safety guards, shields, or controls. As this area is also used for container management, the inspection schedule for containers in storage in the Stabilization Facility is dictated by paragraph F.2.b.(1). This area is also utilized as a waste staging, loading, and unloading area and, as such, the inspection requirements for these areas of the Stabilization Facility are outlined in paragraph F.2.b.(10).(e).

F.2.b.(9) Containment Building Inspections

Figures F-6 and F-7,present the inspection forms for the Containment Building (the Stabilization and Debris portions). These forms provide a detailed listing of the inspection areas and potential discrepancies for each area inspected. The Containment Building is operated in accordance with IDAPA 58.01.05.008 (40 CFR Part 264 Subpart DD).

The daily inspections of the Containment Building are performed only for those equipment/areas of the buildings in use on the day of the inspection (i.e., operational day). The daily inspections provide for an inspection of the areas directly affected by the operations at the containment buildings. As part of this activity, processing equipment, drip pans, containers, doors, floors, and walls are visually inspected for structural integrity. The work areas are also assessed for spillage and for general condition.

Inspections will be performed daily (when in use). All areas of the building (both Stabilization and Debris portions) must be inspected at least weekly. This includes the leak detection and dust collection systems located in the Containment Building.

Storage areas and containers within the Containment Building are inspected for integrity and any signs of leaks or spills as outlined in paragraph F.2.b.(1) of this Section. As these buildings are permitted as a Containment Building, most waste containers (excluding containers subject to 40 CFR Subpart CC controls) may be stored either open or closed. The air pollution control (APC) systems must be in operation for wastes to be stored in open containers. Containers subject to 40 CFR Subpart CC controls must be kept closed during storage, as applicable. The LCRS and/or LDCRS are inspected for liquids. Any pumpable liquids in the LCRS with a depth of 4” inches or greater (>4”) are removed and the removed volume noted on the inspection form. Minor amounts of liquids from condensation are expected in these systems. Liquids in the LCRS and LDCRS are removed and properly disposed in accordance with Section C.2.4.8 of the facility WAP.

The concrete wear/work surface is expected to wear and develop spalling and/or cracking as a normal part of the operation. This wear is considered to be acceptable as the wear surface serves to protect the HDPE liner and does not in and of itself constitute the primary or secondary barrier for containment. Cracks in the working surface of the concrete are monitored periodically so they do not impair the safe operation of the containment buildings. Significant cracks in the concrete working surfaces are documented during the inspections and repaired as part of routine maintenance. The repairs are documented in the facility operating records.

The concrete wear surface associated with the primary barriers is inspected for cracks, gaps, corrosion or deterioration. Any distortion/displacement (horizontal) in the concrete surface in excess of ¾ inches, will be additionally inspected by a qualified engineer. Such review will occur within five (5) working days of initial discovery. After its initial discovery, a distortion/displacement of greater than ¾ inches will be checked monthly. If the distortion/displacement equals or exceeds 1½ inches, all activities in that section of the Containment Building will be suspended. At this point, a qualified engineer will be consulted to provide a determination as to which waste processing activities may proceed while appropriate repairs are being implemented (based upon visual inspection of the distortion/displacement) and to determine the criteria for resumption of normal operations in the affected areas. The engineer will provide a written structural assessment regarding the affected area. This assessment will include requirements for repair and an opinion as to the potential that the underlying HDPE liner has been damaged as a result of the distortion/displacement. Within ten (10) working days of receipt of the assessment report, USEI will prepare a work schedule for all required repairs and will submit the assessment report and repair work schedule to the Director. The assessment report, work schedule, and documentation of repair completion will be maintained on-site in the operating record as described in paragraph F.2.a.

In addition, the inspection will include visual verification that the bottom steel wear plate is not distorted and exposing the support media (gravelly sand) or causing the support media to shift and potentially become contaminated. If the media must be removed because of the distortion or damage to the bottom wear plate, it will be managed as detailed in Section D.

The two (2) Mixing Bin Tanks located in the Containment Building- Stabilization Portion and the two (2) Mixing Bin Tanks located in the Containment Building- Debris Portion are inspected daily (when in use) in accordance with 40 CFR Part § 264 Subpart J. This inspection includes the secondary containment systems liquid level (and removal, if appropriate), structural integrity such as damage, heaving or settling, spills and housekeeping. These inspections are documented on Figure F-2a.

The HEPA filters in the Containment Building will also be inspected at least annually.

F.2.b.(9)(a) Miscellaneous Unit Inspections

Figure F-6a presents the inspection form for the crusher system inside the Containment Building**.** The inspection plan has been set up for the days of operation only. If the unit is not operated, the daily Containment Building inspection will cover the basic needs of the crusher area (Figure F-6). The crusher system and structure will be visually inspected for proper operation, structural and mechanical integrity. The work areas will be assessed for spillage and potentially unsafe conditions to include proper housekeeping/decontamination as required. Any structural or significant equipment deficiencies noted during the inspections of the size reduction system and process equipment that may create or develop into a major failure shall require repair activity to be initiated. All electrical, mechanical and safety devices will be inspected for proper operations.

F.2.b.(10) Other Area Inspections

The following paragraphs detail the inspection requirements for those miscellaneous items required for proper operation of the facility.

F.2.b.(10)(a) Vehicle Wash Area Inspection

The vehicle wash (site decontamination) area is inspected for significant equipment malfunctions, drainage problems or leaks, and for the presence of liquid in the sumps. Figure F-8 is the site vehicle wash inspection form.

F.2.b.(10)(b) Road, Drainage, and Run-On/Run-Off Inspections

Figure F-9 is the current inspection form utilized for access roads and drainage systems. Road, drainage, and run-on/run-off inspections are conducted at the frequency shown on Table F-1.

The condition of the facility roads are inspected to provide for the safe movement of materials within the facility. Any deterioration of the road system which is detrimental to waste transport or which may impact underlying past practice units is repaired as warranted.

Run-on/run-off control and drainage systems for the entire site, including specific units, are assessed for their operational integrity and function.

F.2.b.(10)(c) Gate/Fence Inspections

Figure F-10 is the inspection form for the gates and fences at the facility. The perimeter fence is checked for damage, obstructions, unsecured gates and evidence of forced entry, and all warning signs are inspected for legibility. Any substantive deterioration or malfunction of the fence, gates, signs, or locks is noted and corrected.

F.2.b.(10)(d) Scale Area Inspections

Figure F-11 is the inspection form for the scale area. The truck scale is used for weighing trucks that enter and leave the facility. No waste handling, loading or unloading is conducted in the truck scale area. The area surrounding the scales should be free of waste. In the event of hazardous waste spillage in either of the scale areas, the spill is promptly cleaned up and the area is restored to normal operating conditions.

F.2.b.(10)(e) Waste Staging/Unloading/Loading Area Inspections

Figures F-1, F-7, F-12, F-19, F-20, F-21, and F-22 are the forms utilized in the inspection of the various material staging/loading/unloading areas at the facility. These areas, listed below, which include:

- CSA # 1
- CSP # 4
- CSP # 5
- Pad 6
- RCRA(Pad 7)/PCB Storage Building
- Containment Building (Stabilization and Debris portion)
- Surface Impoundments
- Truck Unloading Apron #'s 1, 2 and 3 at the Containment Building
- Stabilization Facility and Stabilized Roll-Off Containers
- RCRA Tanks Area
- Cell 14
- Cell 15
- Cell 16

These areas were designed with containment and/or drainage capabilities to prevent off-site migration of material. To minimize potential spillage during unloading, loading, and mixing of waste, a combination of splash plates, elevated sidewalls, and covers are utilized with roll-on/roll-off containers. The structural integrity of these items is inspected when waste materials are being handled. The presence of adequate aisle space is also inspected.

F.2.b.(10)(f) Monitoring Well Inspections

Figure F-13 is the form utilized for inspection of monitoring wells located at the facility. Wells are inspected to verify they are locked and undamaged. Inspection activities are conducted per the frequency shown in Table F-1.

F.3 Equipment Requirements

F.3.a Specific Equipment Requirements

In accordance with IDAPA 58.01.05.008 and 58.01.05.012 (40 CFR §§264.32 and 270), the facility is equipped with:

- Internal communication system (i.e., hand-held radios)
- Alarm system (sirens and strobes)
- External communications such as battery-operated telephones or cellular telephones
- Portable fire extinguishers
- Additional fire control equipment, including water supply
- Spill control equipment
- Decontamination supplies

All equipment is inspected per the frequency shown on Table F-1.

F.3.a.(1) Internal Communications

Figure F-14 is the form utilized for the inspection of communication equipment. The facility's two-way radios are continually in use; therefore, the operating status is known at virtually all times. Two-way radios

are used by site security and operations personnel when they are working in active waste handling areas. The inspection of communication equipment is conducted at the frequency shown on Table F-1.

The facility is also equipped with a site-wide alarm system. This alarm system consists of sirens and strobe lights. The system is radio-controlled and can be activated by a key switch or by radio key pad.

F.3.a.(2) External Communications

Figure F-14 is the form utilized for the inspection of communication equipment. The facility is equipped with telephones that operate as the primary external means of communication. There is a telephone located at the security building that can be used by security personnel to contact local police and fire departments or state and local emergency contacts. Additional telephones are available at other locations throughout the facility. As the telephones on the site are continually in use as part of normal operations, their operating status is known at virtually all times. Cellular telephones and/or radio telephones may also be used at the facility. These telephones are not inspected on a regular schedule since they are in continual use.

F.3.a.(3) Emergency Equipment

Emergency equipment at the facility includes fire extinguishers, spill control kits, and decontamination equipment. General site emergency equipment is located throughout the facility to facilitate timely and adequate response to emergency situations.

All emergency equipment in active waste management areas is inspected to assess operable condition. Additionally, the remaining quantity of certain consumable emergency equipment is determined during inspection activities. Figure F-14 is the inspection form used for the emergency equipment inspection. Figure G-9 (in Section G) shows the typical location of emergency equipment. The emergency equipment maintained on site will change from time to time based on the types of waste managed and associated response procedures.

F.3.a.(4) Water for Fire Control

Figure F-14 is also the inspection form used for the tanks that store water for fire protection. The facility maintains two 16,000-gallon above-ground water tanks, and one 25,000-gallon above-ground water tank that store water for general site usage and in case of fire. A minimum of 16,000 gallons of water is maintained in these tanks to provide fire protection. Supplemental water is also maintained at the site's water holding pond located on Lemley Road. Additionally, an underground pipeline is utilized to transfer water from the holding pond to the facility water tanks.

F.3.b Aisle Space Requirement

Figures F-12 F-19, F-20, F-21, and F-22 outline inspections of staging/loading/unloading areas with respect to aisle space. During scheduled inspections of the CMUs, containment building units, and the waste staging, loading, unloading areas, visual inspection is made as required in paragraphs F.2.b.(1) and F.2.b.(10).(e) with regard to aisle space. Aisle space requirements are provided in paragraph D.1.c.(3).

and bulk shipments of solid and liquid wastes. Therefore, each type of waste shipment is addressed separately.

Table F-1 Inspection Schedule

Location	Potential Problems	Minimum Frequency (Typical Figure Reference)
Container Management Units	Spills, equipment, structural integrity of containers	Normal Working Day (Fig. F-1, F-5, F-6, F-7, F-19, F-20, F-21, F-22
Waste Water Tank Systems	Spills, structural integrity, volumes	Daily (Fig. F-2)
Waste Water Storage Tanks - Wall Thickness	Corrosion, erosion, delamination, disintegration Ultrasonic Thickness Tests	Every 3 years
Mix Bin Tanks MBT-1,2, 3, 4 (Inside Containment Building)	Secondary Leak detection system, volume of liquid removed, structural integrity, spills	Normal Working Day[1,2] (Fig. F-2a)
Mix Bin Tanks MBT-1, 2, 3, 4 (Inside Containment Building)	Structural Integrity	Every 3 years
Surface Impoundments	Liquids in leak detection system	Normal Working Day[1,2] (Fig. F-3) and after 1/2" in a 24-hour storm
Landfill Areas	Integrity, cover, liner, accessibility, safety, dust, collected water, excess liquids in primary leachate collection/secondary leachate detection systems	Weekly and after 1/2" in a 24-hour storm (Figs. F-4, F-4d, and F-4j) Monthly and after 1/2" in a 24-hour storm (Figs. F4a, b, and c)
	Primary leak detection systems	Weekly (Figs. F-4e,f,g, and h) Daily (Fig. F-4i)
	Secondary leak detection systems	Normal Working Day[1,2] (Figs. F-4e,f,g, h, and i)
Stabilization Facility	a.) Spills, accessibility, housekeeping; inspect the entry ways/exits for accessibility, check for spills in truck processing and waste handling/storage areas. b.) Integrity of containment ramps c.) Liquids in containment areas	Normal Working Day[1,2] (Fig. F-5)
Containment Building (Debris portion)	Spills, accessibility, equipment, structural and container integrity, dust	At Least Weekly(Fig. F-6)
	emissions, liquids in LDCRS	
	a.) Spills, accessibility, housekeeping; inspect the entry ways/exits for accessibility, check for spills in truck processing and waste handling/storage areas.	Normal Working Day[1,2] (Fig. F-6)

Table F-1 Inspection Schedule

Location	Potential Problems	Minimum Frequency (Typical Figure Reference)
	b.) Integrity of containment ramps, overhead doors, entry-ways and exits. c.) Liquids in collection trenches, grating over collection trenches intact; remove and manage any pumpable liquids in accordance with Permit Condition II.E and the WAP, check integrity of grating over collection trenches. d.) Process equipment; inspect size reduction system and process equipment to ensure that inlets and screens free of tramp materials, grates secured, belt guards in place. e.) Liquids in LCRS and LDCRS; inspect the primary and secondary leak detection collection and removal systems for liquids, remove and manage any pumpable liquids. f.) Inspect the steel bin(s) for tears or cracks	
	a.) Annual inspection and maintenance of mixing bin(s)	Annual
Crusher System	a.)Obstructions, Spills, housekeeping, guards in place, structural integrity of feed conveyor b.)Guards, oil levels proper, spills, housekeeping, structural integrity c.)Air compressor, pressure drop indicator, bag house operational d.)Emergency stop, and sirens operational e.)Housekeeping, spills in loading area	Daily when in use Normal Working Day[1,2] (Fig. 6a)
Containment Building (Stabilization portion)	a.) Inspect Dust Collection System for equipment integrity and function b.) Inspect liquids in LCS and LDCRS collection system integrity.	At Least Weekly (Fig. F-7)
	c.) Spills, accessibility, housekeeping; inspect the entry ways/exits for accessibility, check for spills in truck processing and waste handling/storage areas.	Daily when in use Normal Working Day[1,2] (Fig. F-7)

Table F-1 Inspection Schedule

Location	Potential Problems	Minimum Frequency (Typical Figure Reference)
	b.) Integrity of containment ramps. c.) Liquids in containment areas. d.) Liquids in LCS and LDCRS; inspect the primary and secondary leak detection collection and removal systems for liquids. e.) Operation of APC equipment. f.) Inspect the visible concrete wear surface associated with the primary liner for cracks, gaps, corrosion, or deterioration. g.) Inspect the steel wear plates for tears or cracks.	
	a.) Annual inspection and maintenance of the mixing bins. b.) Inspect bottom steel wear plates for distortion and exposure of supporting media.	Annual
HEPA Filter at Containment Building	Filter integrity	Annual
Vehicle Wash	Sumps leaking/full, controls/valves not working, equipment damaged, drainage inadequate	Normal Working Day[1,2] (Fig. F-8)
Roads, Drainage, Run-on/run-off	Malfunction, blockage, integrity spillage	Weekly and after 1/2" in a 24-hour storm (Fig. F-9)
Gates/Fence	Functional, damage, deterioration	Monthly (Fig. F-10)
Yard and Truck Scale Areas	Spills, mechanical or electrical failure, damage, or deterioration	Normal Working Day[1,2] (Fig. F-11)
Staging/Unloading/Loading Areas	Accessibility, spills, integrity	Normal Working Day[1,2] (Figs. F-12, F-19, F-20, F-21, F-22)
Monitoring Wells	Unlocked, tampering	Monthly (Fig. F-13)
Contingency Plan – Response Equipment (radios, etc.)	Functional	Monthly (Fig. F-14)
Past Practice Units	Integrity	Weekly (Fig. F-15)
Past Practice Carbon Units	Carbon System Integrity	Monthly (Fig. F-18)

[1] Performed only for those equipment/areas in use during the day of the inspection.

[2] A Normal Working Day is defined as any scheduled working day (excluding weekends and holidays) where waste management activities occur at the facility.

FIGURE F-1

CONTAINER STORAGE AREA #1 INSPECTION FORM (DAILY)

Inspector:_____ Signature:_____ Date:_____ Start Time:_____ Finish Time:_____

ITEM (See Reverse Side)	DISCREPANCY (See Reverse Side)	CORRECTIVE ACTION		
		DATE	NAME	ACTION
WASTE STAGING*				
CONTAINER STORAGE AREA				
CONTAINERS				
AISLE SPACE				

*To be inspected when waste is being staged/loaded/unloaded.

FIGURE F-1 (continued)

CONTAINER STORAGE AREA #1 INSPECTION FORM DAILY (continued)	
POTENTIAL DISCREPANCIES (BY ITEM):	
WASTE STAGING/LOADING/UNLOADING* **(*To be inspected when waste is being staged/loaded/unloaded)**	**CONTAINER STORAGE**
• Access Road Damage/Deterioration/Obstruction • Warning Signs/Missing/Not Legible • Spillage • Aisle Space <24 in. for Staged Containers • Prohibited Areas Utilized • Dust Control Required • Decontamination Area • Housekeeping/Maintenance	**AREA:** • Warning Signs Missing/Not Legible • Blockage of Access • Housekeeping • Spillage • Rain Water Accumulation • Drainage **CONTAINERS:** • Leakage • Spillage • Integrity -Rust -Damage -Bulging • Not Segregated • Improper Labeling • Not Properly Closed • Not Palletized (Non-Bulk Only) • Contains F020, F021, F022, F023, F026, or F027 waste codes **AISLE SPACE:** • Blocked • Spillage • Housekeeping • Proper Spacing

FIGURE F-2

TANK SYSTEM INSPECTION FORM (DAILY)

TANK LOCATION: (Check ☑ only one tank for this inspection form)

☐ T-1 ☐ T-3 ☐ PCB-1 (Out of Service)
☐ T-2 ☐ T-4 ☐ PCB-2 (Out of Service)

DATE / TIME	INSPECTOR	DISCREPANCY (See Reverse Side)	CORRECTIVE ACTION		
			DATE	NAME	ACTION

FIGURE F-2 (continued)

TANK SYSTEM INSPECTION FORM (DAILY) (continued)

LOCATIONS:

T-1 (Plant)	**TSCA ONLY:**
T-2 (Plant)	**PCB-1 (Process Building)**
T-3 (Plant)	**PCB-2 (Process Building)**
T-4 (Plant)	**PCB-3 (Process Building)**

POTENTIAL DISCREPANCIES:

DAMAGE, WEAR, LEAKS, MISALIGNMENT, MISSING PARTS, CORROSION, STRUCTURAL DETERIORATION, ETC. TO THE FOLLOWING:

- Check Valves
- Gate Valves
- Safety Valves
- Flanges and Gaskets
- Manway and Gasket
- NIXTOX Filters
- Tank Structure
- Flame Arrestor
- Conservation Vent
- Pressure Relief Vent
- Other Ancillary Equipment
- Secondary Containment; Sumps, Base, Dikes

LIQUID LEVEL INDICATOR:

- Visually check for physical damage.

SAFETY LIMIT SWITCH ON LEVEL INDICATOR:

- Manually trip switch and check high level indicator light in decant building.

SATURATION INDICATOR ON NIXTOX FILTERS:

- Check for a distinct color change (Purple to Brown) in the visible indicator granule.

LIGHTNING ARRESTOR/GROUND STRAPS:

- Visually check to see that lightning arrestor is in place at top of tank and that ground straps are attached at base of tank.

FIGURE F-2a

MIX BIN STABILIZATION TANK SYSTEM INSPECTION FORM (DAILY*)

(*Daily Inspection for MBT-1, MBT-2, MBT-3, and MBT-4 are required only when in use)

TANK LOCATION: (Check ☑ only one tank for this inspection)
Stabilization Portion MBT-1 (East) ☐ Debris Portion MBT-3 (East) ☐
Stabilization Portion MBT-2 (West) ☐ Debris Portion MBT-4 (West) ☐

POTENTIAL DISCREPANCIES:
(See Reverse Side)

DATE / TIME	INSPECTOR	DISCREPANCY RECORD AMOUNT OF LIQUID PRESENT IN LCS/LDCRS	CORRECTIVE ACTION		
			DATE	NAME	ACTION RECORD AMOUNT PUMPED FROM LCS/LDCRS
		PRIMARY _____ INCHES SECONDARY _____ INCHES			PRIMARY _____ GAL. SECONDARY _____ GAL
		PRIMARY _____ INCHES SECONDARY _____ INCHES			PRIMARY _____ GAL SECONDARY _____ GAL
		PRIMARY _____ INCHES SECONDARY _____ INCHES			PRIMARY _____ GAL SECONDARY _____ GAL
		PRIMARY _____ INCHES SECONDARY _____ INCHES			PRIMARY _____ GAL SECONDARY _____ GAL
		PRIMARY _____ INCHES SECONDARY _____ INCHES			PRIMARY _____ GAL SECONDARY _____ GAL
		PRIMARY _____ INCHES SECONDARY _____ INCHES			PRIMARY _____ GAL SECONDARY _____ GAL
		PRIMARY _____ INCHES SECONDARY _____ INCHES			PRIMARY _____ GAL SECONDARY _____ GAL

FIGURE F-2a (continued)

MIX BIN STABILIZATION TANK SYSTEM INSPECTION FORM (DAILY*) (continued)

(*Daily Inspection for MBT-1, MBT-2, MBT-3, and MBT-4 are required only when in use)

POTENTIAL DISCREPANCIES:

DAMAGE, WEAR, LEAKS, STRUCTURAL DETERIORATION, ETC. TO THE FOLLOWING:

- Tank Structure
- Secondary Containment; Side Walls, Steel Wear Plate, Base

LIQUID LEVEL SECONDARY LEAK DETECTION SYSTEM:

- Monitor for liquid presence
- Record volume, if applicable
- Remove pumpable liquid (>4 inches). Liquid must be removed within 24 hours.

HOUSEKEEPING:

- Spills, Standing water on surrounding pad, etc.

FIGURE F-3

SURFACE IMPOUNDMENT INSPECTION FORM (DAILY)

Locations: Pond 1, Pond 3, & Evaporation Pond

POTENTIAL DISCREPANCIES:

- **Exposed Liner Condition**
- **Surface (Liner) Structural Damage**
- **Access Road Damage/Deterioration/ Obstruction**
- **Freeboard (Liquid): Pond 1 = 6 ft.**
  Pond 3 = 3 ft.
  Evaporation Pond = 5 ft. 5 in.
- **Seepage**
- **Damaged/Blocked Run On/Run Off Control**
- **Containment Dike Integrity**
- **Liquid in Leak Detection System**
- **Erosion**

DATE / TIME	INSPECTOR	LOCATION	DISCREPANCY	FREEBOARD FEET/INCHES	CORRECTIVE ACTION		
					DATE	NAME	ACTION
		Pond #1					
		Pond #3					
		Evaporation Pond					

(continued on reverse)

FIGURE F-3 (continued)
SURFACE IMPOUNDMENT INSPECTION FORM (DAILY) (continued)

Inspector:_____ Signature: _____ Date:_____ Start Time:_____ Finish Time:_____

Rain Gauge Reading _____ Rain Event >.5 in. 24 hr. period? Y N

POTENTIAL DISCREPANCIES:

- Riser Damage
- Pump Malfunction/Failure
- Riser Not Covered/Secured
- Pumpable Liquid Present

Location	Previous Day's Reading Liquid Present (Inches) **	Current Reading Liquid Present (Inches) **	Date/Time Pumped	Quantity (Gallons)	Depth After Pumping (Inches)	Did amount present equal or exceed:		
Evaporation Pond *(Pump if over 6 Inches)*						1,732 Gallons	○No	○Yes*
Collection Pond #1 *(Pump if over 6 Inches)*						255 Gallons	○No	○Yes*
Collection Pond #3 *(Pump if over 6 Inches)*						405 Gallons	○No	○Yes*

Immediately notify Compliance Manager and/or Operations Manager if:
*Liquids present equals or exceeds the noted gallons (include amount pumped and estimated amount remaining in sump)
**Current reading is less than previous reading and no pumping has taken place

Comments _____

_____

Supervisor's Signature _____ Date _____

FIGURE F-4

LANDFILL AREA INSPECTION FORM (CELL 14) (WEEKLY*)

Inspector:_____ _____ Date/Time:_____ / _____
(Printed Name) *(Signature)*

POTENTIAL DISCREPANCIES:

- Liner Damage: Tears, Punctures, Blisters, Stretched Seams & Joints
- Access Road Damage/Deterioration/Obstruction
- Improper Cover of Liner in Active Area
- Intermediate Cover Integrity
- 1° Leachate Riser Damage/Deterioration
- Wind Dispersion Control Mechanisms Intact
- Run On/Run Off Systems Damage/ Deterioration, Drainage Blocked
- Anchor Trench/Cover Exposed and Drainage Inadequate

ITEM	DISCREPANCY**	CORRECTIVE ACTION		
		DATE	NAME	ACTION

* Inspection required for Rain Events >0.5 in. in a 24 hr. period.
**When a Discrepancy is noted it should include the cell coordinates. At a minimum: Section Number, Footage Marker and Alpha Section Designation.

FIGURE F-4a

LANDFILL AREA INSPECTION FORM (PCB 4) (MONTHLY*)

Inspector: _____ _____ Date/Time:_____ / _____
(Printed Name) *(Signature)*

POTENTIAL DISCREPANCIES:

- Access Road Damage/Deterioration/Obstruction
- Intermediate Cover Integrity
- Leachate Standpipe Damage/Deterioration
- Wind Dispersion Control Mechanisms Intact
- Leachate Present in Standpipe
- Run On/Run Off Systems Damage/ Deterioration, Drainage Blocked

ITEM	DISCREPANCY	CORRECTIVE ACTION		
		DATE	NAME	ACTION

*Inspection required for Rain Events >0.5 in. in a 24 hr. period.

FIGURE F-4b

LANDFILL AREA INSPECTION FORM (Cell 5) (MONTHLY*)

Inspector: _____ _____ Date/Time:_____ / _____
(Printed Name) *(Signature)*

POTENTIAL DISCREPANCIES:

- Evidence of Erosion Damage, Settlement, Subsidence in Cover System
- Vegetative Cover Condition
- Gas Venting System Integrity
- Leachate System Integrity
- Run On/Run Off Cover Drainage Systems Damage/Deterioration, Drainage Blocked

ITEM	DISCREPANCY**	CORRECTIVE ACTION		
		DATE	NAME	ACTION

*Inspection required for Rain Events > 0.5 in. in a 24 hr. period.
** When a Discrepancy is noted it should include the cell coordinates. At a minimum: Section Number, Footage Marker and Alpha Section Designation.

FIGURE F-4b

LANDFILL AREA INSPECTION FORM (Cell 5) (MONTHLY*)

Inspector: _____ _____ Date/Time:_____ / _____
(Printed Name) *(Signature)*

POTENTIAL DISCREPANCIES:

- Evidence of Erosion Damage, Settlement, Subsidence in Cover System
- Vegetative Cover Condition
- Gas Venting System Integrity
- Leachate System Integrity
- Run On/Run Off Cover Drainage Systems Damage/Deterioration, Drainage Blocked

ITEM	DISCREPANCY**	CORRECTIVE ACTION		
		DATE	NAME	ACTION

*Inspection required for Rain Events > 0.5 in. in a 24 hr. period.
** When a Discrepancy is noted it should include the cell coordinates. At a minimum: Section Number, Footage Marker and Alpha Section Designation.

FIGURE F-4c

LANDFILL AREA INSPECTION FORM (Trench 10/11) (MONTHLY*)

Inspector: _____ _____ Date/Time:_____ / _____
(Printed Name) *(Signature)*

POTENTIAL DISCREPANCIES:

- Alternative Cap – Cracks, Burrowing, Standing Water (Ponding), Sideslope Erosion (> 4 in.)
- Run On/Run Off Systems Damage/ Deterioration, Drainage Blocked

ITEM	DISCREPANCY	CORRECTIVE ACTION		
		DATE	NAME	ACTION

*Inspection required for Rain Events >0.5 in. in a 24 hr. period.

FIGURE F-4d

LANDFILL AREA INSPECTION FORM (CELL 15) (WEEKLY*)

Inspector: _____ _____ Date/Time:_____ / _____
(Printed Name) *(Signature)*

POTENTIAL DISCREPANCIES:

- Liner Damage: Tears, Punctures, Blisters, Stretched Seams & Joints
- Access Road Damage/Deterioration/Observation
- Improper Cover in Active Area
- Intermediate Cover Integrity
- Evidence of burrowing near or adjacent to Liner System.
- 1° Leachate Riser Damage/Deterioration
- Wind Dispersion Control Mechanisms Intact
- Run On/Run Off Systems Damage/ Deterioration, Drainage Blocked
- Anchor Trench/Cover Exposed and Drainage Inadequate

ITEM	DISCREPANCY**	CORRECTIVE ACTION		
		DATE	NAME	ACTION

* Inspection required for Rain Events > 0.5 in. in a 24 hr. period.
**When a Discrepancy is noted it should include the cell coordinates. At a minimum: Section Number, Footage Marker and Alpha Section Designation.

FIGURE F-4e
Landfill Leachate Inspection Form (Cell 14 – Phase 1)
(PRIMARY –WEEKLY) (SECONDARY-DAILY)

Inspector: _____ _____
(Printed Name) (Signature)

Date:_____Start Time: _____Finish Time:_____ Rain gauge reading:_____
(>0.5 inch in 24 hr. period): Y N

POTENTIAL DISCREPANCIES:

- RISER DAMAGE
- PUMP MALFUNCTION/FAILURE
- "BUBBLER" MALFUNCTION/FAILURE
- RISERS NOT COVERED
- PRIMARY LEACHATE LEVEL χ 12 INCHES (SECTION 1, 2, AND 3)
- LIQUID PRESENT IN SECONDARY RISER χ 12 INCHES (SECTIONS 1, 2, & 3)

SECTION 1: * Measured from bottom of zone

1. Primary Leachate **(WEEKLY)**
   Note: 12" requires pumping.
   Amount present: _____inches*
   Date/Time Pumped: _____
   Quantity (Gallons): _____
   Depth after pumping: _____inches*
2. Secondary Riser **(DAILY)**
   Note: 12" requires pumping.
   Amount present: _____inches*
   Date/Time Pumped: _____
   Quantity (Gallons): _____+
   Depth after pumping: _____inches*

+ If over 335 gallons report immediately to the Operations Manager.

SECTION 2: * Measured from bottom of zone

1. Primary Leachate **(WEEKLY)**
   Note: 12" requires pumping.
   Amount present: _____inches*
   Date/Time Pumped: _____
   Quantity (Gallons): _____
   Depth after pumping: _____inches*
2. Secondary Riser **(DAILY)**
   Note: 12" requires pumping.
   Amount present: _____inches*
   Date/Time Pumped: _____
   Quantity (Gallons): _____+
   Depth after pumping: _____inches*

+ If over 172 gallons report immediately to the Operations Manager.

SECTION 3: * Measured from bottom of zone

1. Primary Leachate **(WEEKLY)**
   Note: 12" requires pumping.
   Amount present: _____inches*
   Date/Time Pumped: _____
   Quantity (Gallons): _____
   Depth after pumping: _____inches*
2. Secondary Riser **(DAILY)**
   Note: 12" requires pumping.
   Amount present: _____inches*
   Date/Time Pumped: _____
   Quantity (Gallons): _____+
   Depth after pumping: _____inches*

+ If over 206 gallons report immediately to the Operations Manager.

DISCREPANCIES NOTED/CORRECTIVE ACTION:

_____

_____

_____

(continued on reverse)

FIGURE F-4e (continued)
Landfill Leachate Inspection Form (Cell 14 - Phase I) (continued)

INSPECTOR'S REVIEW:

1. Did any of the secondary (+ items) zones pumped equal or exceed listed gallon amount per section?
   _____ Yes** _____ No
   **If yes then immediately notify compliance manager and operations manager.

2. Complete For Each Secondary:
   Poly overpack in place and on a pallet..... O Yes O No
   55 gallon drum located inside overpack..... O Yes O No
   Contains less than 55 ……..……..……..O Yes O No
   Integrity of both drums is good……O Yes O No

3. All information has been reviewed for validity, accuracy and consistency with previous data.

COMMENTS:

Inspector's signature: _____ Date : _____
Title: _____ Time: _____

SUPERVISOR REVIEW:

1. Did any of the secondary (+ items) zones pumped equal or exceed listed gallon amount per section?
   _____ Yes** _____ No
   **If yes then immediately notify compliance manager and operations manager.

2. All information has been reviewed for validity, accuracy and consistency with previous data.

COMMENTS:

Supervisor's signature: _____ Date: _____

FIGURE F-4f
Landfill Leachate Inspection Form (Cell 14 - Phase II)
(PRIMARY-WEEKLY) (SECONDARY-DAILY)

Inspector: _____ _____
(Printed Name) (Signature)

Date:_____ Start Time: _____ Finish Time:_____ Rain gauge reading: _____
(>0.5 inch in 24 hr. period): Y N

POTENTIAL DISCREPANCIES:

- RISER DAMAGE
- PUMP MALFUNCTION/FAILURE
- "BUBBLER" MALFUNCTION/FAILURE
- RISERS NOT COVERED
- PRIMARY LEACHATE LEVEL χ 12 INCHES (SECTION 4, 5, AND 6)
- LIQUID PRESENT IN SECONDARY RISER χ 12 INCHES (SECTIONS 4, 5, & 6)

SECTION 4: * Measured from bottom of zone

1. Primary Leachate (WEEKLY)
   Note: 12" level requires pumping
   Amount present: _____inches*
   Date/Time Pumped: _____
   Quantity (Gallons): _____
   Depth after pumping: _____inches*
2. Secondary Riser (DAILY)
   Note: 12" level requires pumping
   Amount present: _____inches*
   Date/Time Pumped: _____
   Quantity (Gallons): _____+
   Depth after pumping: _____inches*

+ If over 225 gallons report immediately to the Operations Manager.

SECTION 5: * Measured from bottom of zone

1. Primary Leachate (WEEKLY)
   Note: 12" level requires pumping
   Amount present: _____inches*
   Date/Time Pumped: _____
   Quantity (Gallons): _____
   Depth after pumping: _____inches*
2. Secondary Riser (DAILY)
   Note: 12" level requires pumping
   Amount present: _____inches*
   Date/Time Pumped: _____
   Quantity (Gallons): _____+
   Depth after pumping: _____inches*

+ If over 225 gallons report immediately to the Operations Manager.

SECTION 6: * Measured from bottom of zone

1. Primary Leachate (WEEKLY)
   Note: 12" level requires pumping
   Amount present: _____inches*
   Date/Time Pumped: _____
   Quantity (Gallons): _____
   Depth after pumping: _____inches*
2. Secondary Riser (DAILY)
   Note: 12" level requires pumping
   Amount present: _____inches*
   Date/Time Pumped: _____
   Quantity (Gallons): _____+
   Depth after pumping: _____inches*

+ If over 387 gallons report immediately to the Operations Manager.

DISCREPANCIES NOTED/CORRECTIVE ACTION:

_____

_____

(continued on reverse)

FIGURE F-4f (continued)

Landfill Leachate Inspection Form (Cell 14 – Phase II) (continued)

INSPECTOR'S REVIEW:

1. Did any of the secondary (+ items) zones pumped equal or exceed listed gallon amount per section?
   _____ Yes** _____ No
   **If yes then immediately notify compliance manager and operations manager.

2. Complete For Each Secondary:
   Poly overpack in place and on a pallet..... O Yes O No
   55 gallon drum located inside overpack..... O Yes O No
   Contains less than 55 ……..…….……..……O Yes O No
   Integrity of both drums is good…….. O Yes O No

3. All information has been reviewed for validity, accuracy and consistency with previous data.

COMMENTS:

Inspector's signature: _____ Date: _____

Title:_____ Time:_____

SUPERVISOR REVIEW:

1. Did any of the secondary (+ items) zones pumped equal or exceed listed gallon amount per section?
   _____ Yes** _____ No
   **If yes then immediately notify compliance manager and operations manager.

2. All information has been reviewed for validity, accuracy and consistency with previous data.

COMMENTS:

Supervisor's signature: _____ Date: _____

FIGURE F-4g
Landfill Leachate Inspection Form (Cell 15 - *Phase 1, 2, and 3/4)
(PRIMARY-WEEKLY) (SECONDARY-DAILY)

Inspector: _____ _____
(Printed Name) (Signature)

Date:_____Start Time: _____Finish Time: _____Rain gauge reading:_____
(>0.5 inch in 24 hr. period): Y N

POTENTIAL DISCREPANCIES:

- RISER DAMAGE
- "BUBBLER" MALFUNCTION/FAILURE
- PUMP MALFUNCTION/FAILURE
- RISERS NOT COVERED
- PRIMARY LEACHATE LEVEL χ 12 INCHES (SECTIONS 1, 2, & 3/4)
- LIQUID PRESENT IN SECONDARY RISER χ 12 INCHES (SECTIONS 1, 2, & 3/4)

SECTION 1: * Measured from bottom of zone

1. Primary Leachate **(WEEKLY)**
Note: 12" level requires pumping
Amount present: _____inches*
Date/Time Pumped: _____
Quantity (Gallons): _____
Depth after pumping: _____inches*

2. Secondary Riser **(DAILY)**
Note: 12" level requires pumping
Amount present: _____inches*
Date/Time Pumped: _____
Quantity (Gallons): _____+
Depth after pumping: _____inches*

+ If over 907 gallons report immediately to the Operations Manager.

SECTION 2: * Measured from bottom of zone

1. Primary Leachate **(WEEKLY)**
Note: 12" level requires pumping
Amount present: _____inches*
Date/Time Pumped: _____
Quantity (Gallons): _____
Depth after pumping: _____inches*

2. Secondary Riser **(DAILY)**
Note: 12" level requires pumping
Amount present: _____inches*
Date/Time Pumped: _____
Quantity (Gallons): _____+
Depth after pumping: _____inches*

+ If over 637 gallons report immediately to the Operations Manager.

SECTION 3/4: * Measured from bottom of zone

1. Primary Leachate **(WEEKLY)**
Note: 12" level requires pumping
Amount present: _____inches*
Date/Time Pumped: _____
Quantity (Gallons): _____
Depth after pumping: _____inches*

2. Secondary Riser **(DAILY)**
Note: 12" level requires pumping
Amount present: _____inches*
Date/Time Pumped: _____
Quantity (Gallons): _____+
Depth after pumping: _____inches*

+ If over 1,297 gallons report immediately to the Operations Manager.

DISCREPANCIES NOTED/CORRECTIVE ACTION:

_____

_____

_____

(continued on reverse)

*** Each Phase (1, 2 and 3/4) reported as constructed.**

FIGURE F-4g (continued)

Landfill Leachate Inspection Form (Cell 15 * Phase 1, 2 and 3/4) (continued)

INSPECTOR'S REVIEW:

1. Did any of the secondary (+ items) zones pumped equal or exceed listed gallon amount per section?

   _____ Yes** _____ No

   **If yes then immediately notify compliance manager and operations manager.

2. Complete For Each Secondary:

   Poly overpack in place and on a pallet……O Yes O No
   55 gallon drum located inside overpack……..O Yes O No
   Contains less than 55 ……..……..…… O Yes O No
   Integrity of both drums is good…….…… O Yes O No

3. All information has been reviewed for validity, accuracy and consistency with previous data.

COMMENTS:

Inspector's signature: _____ Date: _____

Title: _____ Time: _____

SUPERVISOR REVIEW:

1. Did any of the secondary (+ items) zones pumped equal or exceed listed gallon amount per section?

   _____ Yes** _____ No

   **If yes then immediately notify compliance manager and operations manager.

2. All information has been reviewed for validity, accuracy and consistency with previous data.

COMMENTS:

Supervisor's signature: _____ Date:_____

FIGURE F-4h
Landfill Leachate Inspection Form (Cell 5)
(PRIMARY – WEEKLY) (SECONDARY – DAILY)

Inspector: _____ _____
(Printed Name) (Signature)

Date:_____Start Time:_____Finish Time:_____Rain gauge reading :_____
(>0.5 inch in 24 hr. period): Y N

POTENTIAL DISCREPANCIES:

- RISER DAMAGE
- PUMP MALFUNCTION/FAILURE
- "BUBBLER" MALFUNCTION/FAILURE
- RISERS NOT COVERED
- PRIMARY LEACHATE LEVEL χ 12 INCHES (SECTION 1, 2, AND 3)
- LIQUID PRESENT IN SECONDARY RISER χ 12 INCHES (SECTIONS 1, 2, & 3)
- LIQUID PRESENT IN OLD PRIMARY LEACHATE χ 6 INCHES (SECTION 1)

SECTION 1: * Measured from bottom of zone

1. Primary Leachate **(WEEKLY)**
   Note: 12" requires pumping.
   Amount present: _____inches*
   Date/Time Pumped: _____
   Quantity (Gallons): _____
   Depth after pumping: _____inches*
2. "Old Primary Leachate" **(WEEKLY)**
   (Zone 1)
   Note: 6" requires pumping.
   Amount present: _____inches*
   Date/Time Pumped: _____
   Quantity (Gallons): _____+
   Depth after pumping: _____inches*
3. Secondary Leachate **(DAILY)**
   Note: 12" requires pumping.
   Amount present: _____inches*
   Date/Time Pumped: _____
   Quantity (Gallons): _____+
   Depth after pumping: _____inches*

+ If over 81 gallons report immediately to the Operations Manager.

SECTION 2: * Measured from bottom of zone

1. Primary Leachate **(WEEKLY)**
   Note: 12" requires pumping.
   Amount present: _____inches*
   Date/Time Pumped: _____
   Quantity (Gallons): _____
   Depth after pumping: _____inches*
2. Secondary Riser **(DAILY)**
   Note: 12" requires pumping.
   Amount present: _____inches*
   Date/Time Pumped: _____
   Quantity (Gallons): _____+
   Depth after pumping: _____inches*

+ If over 144 gallons report immediately to the Operations Manager.

SECTION 3: * Measured from bottom of zone

1. Primary Leachate **(WEEKLY)**
   Note: 12" requires pumping.
   Amount present: _____inches*
   Date/Time Pumped: _____
   Quantity (Gallons): _____
   Depth after pumping: _____inches*
2. Secondary Riser **(DAILY)**
   Note: 12" requires pumping.
   Amount present: _____inches*
   Date/Time Pumped: _____
   Quantity (Gallons): _____+
   Depth after pumping: _____inches*

+ If over 122 gallons report immediately to the Operations Manager.

DISCREPANCIES NOTED/CORRECTIVE ACTION:

_____

(continued on reverse)

FIGURE F-4h (continued)
Landfill Leachate Inspection Form (Cell 5) (continued)

INSPECTOR'S REVIEW:

1. Did any of the secondary (+ items) zones pumped equal or exceed listed gallon amount per section?
   _____ Yes** _____ No
   **If yes then immediately notify compliance manager and operations manager.

2. Complete For Each Secondary:
   Poly overpack in place and on a pallet..... O Yes O No
   55 gallon drum located inside overpack..... O Yes O No
   Contains less than 55 ……..…….…… …O Yes O No
   Integrity of both drums is good……O Yes O No

3. All information has been reviewed for validity, accuracy and consistency with previous data.

COMMENTS:

Inspector's signature: _____ Date: _____

Title:_____ Time:_____

SUPERVISOR REVIEW:

1. Did any of the secondary (+ items) zones pumped equal or exceed listed gallon amount per section?
   _____ Yes** _____ No
   **If yes then immediately notify compliance manager and operations manager.

2. All information has been reviewed for validity, accuracy and consistency with previous data.

COMMENTS:

Supervisor's signature: _____ Date: _____

FIGURE F-4i

Landfill Leachate Inspection Form (Cell 16 – Subcells 16-1 & 16-2)

(PRIMARY-DAILY) **(SECONDARY-DAILY)**

Inspector: _____ _____
(Printed Name) (Signature)

Date:_____Start Time: _____Finish Time: _____Rain gauge reading:_____ (>0.5 inch in 24 hr. period): Y N

POTENTIAL DISCREPANCIES:

- "BUBBLER" MALFUNCTION/FAILURE
- PUMP MALFUNCTION/FAILURE

SUBCELL 16-1:

1. Primary Leachate **(DAILY)**
Note: 12" level requires pumping

Amount present(1): _____inches
Date/Time Pumped: _____
Quantity: _____ gal
Depth after pumping: _____inches

2. Secondary Riser **(DAILY)**
Note: 12" level requires pumping

Amount present(1): _____inches
Date/Time Pumped: _____
Quantity(2): _____ gal
Depth after pumping: _____inches

SUBCELL 16-2:

1. Primary Leachate **(DAILY)**
Note: 12" level requires pumping

Amount present(1): _____inches
Date/Time Pumped: _____
Quantity: _____ gal
Depth after pumping: _____inches

2. Secondary Riser **(DAILY)**
Note: 12" level requires pumping

Amount present(1): _____inches
Date/Time Pumped: _____
Quantity(2): _____ gal
Depth after pumping: _____inches

DISCREPANCIES NOTED/CORRECTIVE ACTION:

(1) All leachate depths measured from bottom of zone.

(2) Compare daily volume of leachate removed from each secondary sump with the corresponding WLR value in the table below; report any WLR exceedance values immediately to the Operations Manager.

Cell Length (ft)*	*600*	*800*	*1000*	*1,200*	*1,400*	*1,600*	*1,800*	*2,000*
WLR (gal)	595	793	991	1,189	1,388	1,586	1,784	1,982

Cell Length (ft)*	*2,200*	*2,400*	*2,600*	*2,800*
WLR (gal)	2,180	2,379	2,577	2,775

*****Length of cell liner crest measured in the north-south direction, rounded down as necessary.

(continued on reverse)

FIGURE F-4i (continued)

Landfill Leachate Inspection Form (Cell 16 – Subcells 16-1 & 16-2) (continued)

INSPECTOR'S REVIEW:

1. Did the volume of leachate pumped from any of the secondary sumps equal or exceed the corresponding WLR value?

   _____ Yes** _____ No

   **If yes then immediately notify compliance manager and operations manager.

2. Complete For Each Secondary:

   Poly overpack in place and on a pallet……O Yes O No
   55 gallon drum located inside overpack……..O Yes O No
   Contains less than 55 ……..……..……..…… O Yes O No
   Integrity of both drums is good…….…… O Yes O No

3. All information has been reviewed for validity, accuracy and consistency with previous data.

COMMENTS:

Inspector's signature: _____ Date: _____

SUPERVISOR REVIEW:

1. Did the volume of leachate pumped from any of the secondary sumps equal or exceed the corresponding WLR value?

   _____ Yes** _____ No

   **If yes then immediately notify compliance manager and operations manager.

2. All information has been reviewed for validity, accuracy and consistency with previous data.

COMMENTS:

Supervisor's signature: _____ Date:_____

FIGURE F-4j

LANDFILL AREA INSPECTION FORM (CELL 16) (WEEKLY*)

Inspector: _____ _____ Date/Time:_____ / _____
(Printed Name) *(Signature)*

POTENTIAL DISCREPANCIES:

- Standing water remains in temporary run-on swale at south end of landfill (outside of liner area) longer than seven days.
- Liner Exposure – Removal or erosion of frost protection materials.
- Access Road Damage/Deterioration/Observation
- Improper Cover in Active Area, Intermediate Cover Integrity
- Evidence of burrowing near or adjacent to Liner System.
- Leachate Riser Damage/Deterioration
- Wind Dispersion Control Mechanisms Intact
- Excessive sediment deposits or other blockage in Run on/Run off ditches or swales.
- Anchor Trench/Cover Exposed and Drainage Inadequate

ITEM	DISCREPANCY**	CORRECTIVE ACTION		
		DATE	NAME	ACTION

* Inspection required for Rain Events > 0.5 in. in a 24 hr. period.
**When a Discrepancy is noted it should include the cell coordinates. At a minimum: Section Number, Footage Marker and Alpha Section Designation.

FIGURE F-5

STABILIZATION FACILITY INSPECTION FORM (DAILY) / SEMI-ANNUAL SILO 3 INSPECTION*

(*Physical inspection of baghouse media will be accomplished and documented in February and August of each year.)

Inspector:_____ Signature: _____ Date:_____ Start Time:_____ Finish Time:_____

LOCATION (See Reverse Side)	ITEM (See Reverse Side)	DISCREPANCY (See Reverse Side)	CORRECTIVE ACTION		
			DATE	NAME	ACTION
Silo-1 Pressure-drop *(Acceptable Pressure drop- 1 – 6 inches)*					
Silo-2 Pressure-drop *(Acceptable Pressure drop- 1 – 6 inches)*					
Silo-3 See / No-See *(Emissions from Silo Vent)*					
Truck Unloading Areas					
Truck Loading Area					
Ramps					
Secondary Containment					
Sumps					
Roll-Off Containers Area					
Container Storage Area					
Miscellaneous					
Semi-Annual Silo 3					

FIGURE F-5 (continued)

STABILIZATION FACILITY INSPECTION FORM (DAILY) / SEMI-ANNUAL SILO 3 INSPECTION (continued)

POTENTIAL DISCREPANCIES (BY LOCATION, BY ITEM):

TRUCK UNLOADING AREAS
- Obstruction
- Spillage
- Leaking Trucks
- Housekeeping

TRUCK LOADING AREA
- Integrity
- Spillage
- Leaks
- Containment Integrity
- Housekeeping

RAMPS
- Integrity
- Spillage
- Obstructions
- Rails in Place
- Drain Open – Sump Empty

SECONDARY CONTAINMENT/SUMPS
- Deterioration
- Leakage
- Spillage
- Liquids Present

ROLL-OFF CONTAINERS/ AREA
- Support Structure Integrity
- Transfer System Operational
- Obstruction
- Spillage
- Container Integrity
- Housekeeping

MISCELLANEOUS
- Hoses Free of Cracks, Splits, Deterioration
- Valves Operational, No Leaks, Turn Freely
- Backhoes Operational

CONTAINER STORAGE AREA
- Support Structure Integrity
- Obstruction
- Spillage
- Container Integrity
- Housekeeping/Maintenance
- Warning Signs Missing/Not Legible
- Proper Labeling
- Not Palletized
- Not Properly Closed
- Leakage
- 2 Foot Aisle Space Between Containers
- Compatibility Requirements Met
- Spill Supplies (i.e. absorbent) Missing

ADDITIVE SYSTEM
- Conveyors Operational
- Housekeeping
- Feeders Operational
- Valves Functioning
- Silo Baghouse Pressure-Drop = 1-6” **Pressure-drop must be recorded anytime baghouse is in operation (i.e. during silo loading).**

  If pressure drop is outside of the acceptable range, immediately stop loading and notify Operations Manager.

ADDITIVE SYSTEM Con’t.
- Silo 3 Baghouse

  Emissions see / no see must be recorded anytime baghouse is in operation (i.e. during silo loading).
- **Semi-Annual Media Inspection to be performed every February and August –** Potential discrepancies: torn, damaged, or loose/missing bag; damaged, loose, or missing attachment cord; integrity of canvas cover.

FIGURE F-6

CONTAINMENT BUILDING (DEBRIS TREATMENT AREA) INSPECTION FORM (DAILY*)

(*Daily Inspection, when in use/All areas will be inspected at least weekly)

Inspector:_____ Signature: _____ Date:_____ Start Time:_____ Finish Time:_____

LOCATION (See Reverse Side)	ITEM (See Reverse Side)	DISCREPANCY (See Reverse Side)	CORRECTIVE ACTION		
			DATE	NAME	ACTION
Truck Loading/Unloading/Ramp					
Containment Area					
Process Equipment					
Container Areas/ Storage					
Building					
Mixing Bins & Freeboard					
***Bag House Pressure Drop** (Building, Sort, and/or Crusher)					
LCRS / LDCRS					

DEBRIS BUILDING

Primary:
Amount Present (Inches):_____

Date/Time Pumped:_____

Quantity (Gallons):_____

Secondary:
Amount Present (Inches):_____

Date/Time Pumped:_____

Quantity (Gallons):_____

TRUCK RAMP

Primary:
Amount Present (Inches):_____

Date/Time Pumped:_____

Quantity (Gallons):_____

Secondary:
Amount Present (Inches):_____

Date/Time Pumped:_____

Quantity (Gallons):_____

FIGURE F-6 (continued)

CONTAINMENT BUILDING (DEBRIS TREATMENT) (DAILY*) (continued)

(*Daily Inspection, when in use/All areas will be inspected at least weekly)

POTENTIAL DISCREPANCIES (BY LOCATION, BY ITEM):

TRUCK LOADING/UNLOADING/RAMP AREAS

- Obstruction
- Spillage
- Housekeeping
- Curb Integrity
- Leaks
- Soil Ramps
- Overhead Doors
- Collection Trenches (Liquids Removed within 48 Hours)

CONTAINMENT AREA

- Deterioration/cracks
- Leakage
- Spillage
- Liquids Present

PROCESS EQUIPMENT

- Operational
- Housekeeping
- Safeguards in Place
- Emission Controls
- Sort Containers

CONTAINMENT BUILDING

- No visible emissions per 40 CFR Part 60 Appendix A Method 22.
- No visible cracks, gaps, distortion/displacement in the concrete wear surface that exceeds 20mm (approx. ¾ inch).
- No significant corrosion of metal containment structures.

CONTAINER STORAGE AREAS (Inside Containment Building and on Truck Unloading Apron #3)

- Support Structure Integrity
- Obstruction
- Spillage
- Container Integrity
- Housekeeping/Maintenance
- Warning Signs Missing/Not Legible
- Proper Labeling
- Not Palletized
- Not Properly Closed
- Leakage
- 2 Foot Aisle Space Between Containers
- Compatibility Requirements Met
- Spill Supplies (i.e. absorbent) Missing

LCRS/LDCRS

- LCS / LDCRS
- Integrity (i.e. caps/plugs in place)
- Presence of removable amounts of liquids (> 4 inches)(remove within 24 HRS).
- Areas Labeled

GENERAL BUILDING, CRUSHER, & SORT FLOOR DUST COLLECTION SYSTEM

- Duct Work Intact
- Fan Operational
- Belt Guards in Place
- Bags Intact (as determined by broken bag detector)
- Rotary Feeder Functional
- Check Discharge Drum Level
- Photohelic Meter reads between 1” and 6” pressure drop (water column)

MIXING BINS & FREEBOARD

- Any visible signs of damage from heat, wear,…etc.
- At least 2 feet of freeboard is maintained in the mixing bins.
- Drip Pan Integrity
- Presence of liquid on drip pan

FIGURE F-6a

CRUSHER SYSTEM INSPECTION FORM (DAILY*)

(*Daily Inspection, when in use)

Inspector:_____ Signature: _____ Date:_____ Start Time:_____ Finish Time:_____

LOCATION (See Reverse Side)	ITEM (See Reverse Side)	DISCREPANCY (See Reverse Side)	CORRECTIVE ACTION		
			DATE	NAME	ACTION

FIGURE F-6a (continued)

CRUSHER SYSTEM INSPECTION FORM (DAILY*) (continued)

(*Daily Inspection, when in use)

POTENTIAL DISCREPANCIES (BY LOCATION, BY ITEM):

FEED CONVEY

- Obstructions
- Spillage
- Housekeeping
- Guards in place
- Structural Integrity

CRUSHER

- Machine Guards
- Proper Oil Levels
- Spillage
- Housekeeping
- Structural Integrity

VENTILATION

- Bag House Operational
- Pressure Drop Indicator Operational
- Air Compressor Operational

ALARMS / SHUTDOWN DEVICES

- Sirens Operational Startup
- Emergency Stop Operational

LOADING AREA

- Housekeeping
- Spillage

FIGURE F-7

STABILIZATION BUILDING INSPECTION FORM (Daily*)

(*Daily Inspection, when in use/All areas will be inspected at least weekly)

Inspector:_____ Signature: _____ Date:_____ Start Time:_____ Finish Time:_____

LOCATION (See Reverse Side)	ITEM (See Reverse Side)	DISCREPANCY (See Reverse Side)	CORRECTIVE ACTION		
			DATE	NAME	ACTION
Truck Loading/Unloading Aprons					
Containment Areas					
Process Equipment					
Container Areas/ Storage					
Building					
Mixing Bins & Freeboard					
APC System					
LCRS/LDCRS					

STAB BUILDING East Side LDCRS	STAB BUILDING West Side LDCRS	TRUCK RAMP East Side LDCRS	TRUCK RAMP West Side LDCRS
Amount Present (inches):_____	Amount Present (inches):_____	Amount Present (inches):_____	Amount Present (inches):_____
Date/Time Pumped:_____	Date/Time Pumped:_____	Date/Time Pumped:_____	Date/Time Pumped:_____
Quantity (Gallons:_____	Quantity (Gallons:_____	Quantity (Gallons:_____	Quantity (Gallons:_____
Depth After Pumping (inches):_____	Depth After Pumping (inches):_____	Depth After Pumping (inches):_____	Depth After Pumping (inches):_____

FIGURE F-7 (continued)

STABILIZATION BUILDING INSPECTION FORM (Daily*) (continued)

(*Daily Inspection, when in use/All areas will be inspected at least weekly)

POTENTIAL DISCREPANCIES (BY LOCATION, BY ITEM):

TRUCK LOADING/UNLOADING/RAMP AREAS

- Obstruction
- Spillage
- Housekeeping
- Curb Integrity
- Leaks
- Ramps
- Collection Trenches (Liquids Removed within 48 Hours)
- Overhead Doors
- Spray Down Slots Into the Bins Clean

CONTAINMENT AREAS

- Deterioration/Cracks
- Leakage
- Spillage
- Liquids Present

PROCESS EQUIPMENT (Conveyors, etc.)

- Operational
- Housekeeping
- Safeguards in Place
- Emission Controls
- Visible damage from heat, wear, etc.

STABILIZATION BUILDING

- No visible emissions per 40 CFR Part 60 Appendix A Method 22.
- No visible cracks, gaps, distortion/displacement in the concrete wear surface that exceeds 20mm (approx.¾ inch).
- No cracks or holes in metal plates in stabilization bins.

CONTAINER STORAGE AREAS (Inside Stabilization Building and on Truck Unloading Aprons #1 and #2)

- Support Structure Integrity
- Obstruction
- Spillage
- Container Integrity
- Housekeeping/Maintenance
- Warning Signs Missing/Not Legible
- Proper Labeling
- Not Palletized
- Not Properly Closed
- Leakage
- 2 Foot Aisle Space Between Containers
- Compatibility Requirements Met
- Spill Supplies (i.e. absorbent) Missing

APC SYSTEM- Visually Inspect the HEPA filter anytime pre-filters are removed and document

- Duct work Intact
- Fan Operational
- Belt Guards in Place
- Bags Intact (as determined by broken bag detector)
- Rotary Feeder Functional
- Check Discharge Drum Level
- Photohelic Meter reads between 1 inch and 6 inches pressure (water column) drop for the baghouse.
- Photohelic Meter reads between 0.7 inch and 4 inches pressure drop (water column) for the HEPA filter.

LCRS/LDCRS

- Integrity (i.e. caps/plugs in place)
- Presence of removable amounts of liquids (> 4 inches). Liquid must be removed within 24 hours.
- Areas Labeled

MIXING BINS & FREEBOARD

- Any visible signs of damage from heat, wear, etc.
- At least 2 feet of freeboard is maintained in the stabilization bins.

FIGURE F-8

VEHICLE WASH INSPECTIONS (DAILY*)

(*Daily Inspection, when in use)

POTENTIAL DISCREPANCIES:

EQUIPMENT:

- **Tank Leaking / Damaged**
- **Controls / Valves Working**
- **Holding Tank Full**
- **Drainage Adequate**
- **Equipment Damaged**

SECONDARY CONTAINMENT:

- **Liquid Present**

DATE / TIME	INSPECTOR	DISCREPANCY	CORRECTIVE ACTION		
			DATE	NAME	ACTION

FIGURE F-9

ROADS, DRAINAGE, AND RUNON/RUNOFF INSPECTION FORM (WEEKLY*)

Inspector:_____ Signature:_____ Date:_____ Start Time:_____ Finish Time:_____

POTENTIAL DISCREPANCIES (BY LOCATION, BY ITEM):

FACILITY ROADS:
- Obstructions
- Damage/Deterioration
- Directional Signs Missing/Not Legible
- Spillage/Debris

DRAINAGE DITCHES:
- Blockage
- Spillage
- Deterioration/Damage

RUNON/RUNOFF SYSTEMS:
- Deterioration/Damage
- Animal Burrows
- Obstruction

LOCATION	ITEM	DISCREPANCY	CORRECTIVE ACTION		
			DATE	NAME	ACTION

*Inspection required for Rain Events >0.5 in. in a 24 hr. period.

FIGURE F-10

SECURITY AREA (GATE/FENCE) INSPECTION FORM (MONTHLY)

POTENTIAL DISCREPANCIES :

- Deterioration/Damage
- Obstructions/Housekeeping
- Gates Unsecured (Non-Operating Hours)
- Controlled Entry Lax
- Burrowing Under Fence
- Main Gate Non-Operational (Left Open)
- Evidence of Attempted Forced Entry
- Warning Signs Not Legible

DATE / TIME	INSPECTOR	DISCREPANCY	CORRECTIVE ACTION		
			DATE	NAME	ACTION

FIGURE F-11

SCALE AREA INSPECTION FORM (DAILY*)

(*Daily Inspection, when in use)

POTENTIAL DISCREPANCIES:

- Not Functioning
- Power Outage
- Spillage
- Access Road Damaged
- Damage/Deterioration
- Obstruction
- Housekeeping
- Direction Signals Not Legible/Missing

DATE	TIME	INSPECTOR	DISCREPANCY	CORRECTIVE ACTION		
				DATE	NAME	ACTION

(continued on reverse)

FIGURE F-11

SCALE AREA INSPECTION FORM (DAILY*)

(*Daily Inspection, when in use)

POTENTIAL DISCREPANCIES:

- Not Functioning
- Power Outage
- Spillage
- Access Road Damaged
- Damage/Deterioration
- Obstruction
- Housekeeping
- Direction Signals Not Legible/Missing

DATE	TIME	INSPECTOR	DISCREPANCY	CORRECTIVE ACTION		
				DATE	NAME	ACTION

FIGURE F-12

WASTE STAGING/LOADING/UNLOADING INSPECTION FORM (DAILY)

POTENTIAL DISCREPANCIES:

- Access Road Damage/Deterioration/Obstruction
- Warning Signs Missing/Not Legible
- Spillage
- Aisle Space <24 Inches for Staged Containers
- Prohibited Areas Utilized
- Dust Control Required
- Decontamination Area
- Housekeeping Maintenance

DATE / TIME	INSPECTOR	DISCREPANCY (LOCATIONS)	CORRECTIVE ACTION		
			DATE	NAME	ACTION
		Pad 6			
		RCRA Storage Tanks Area			
		Surface Impoundment (Evaporation Pond)			
		Containment Building (Debris)			
		Containment Building (Stabilization)			
		Stabilization Facility Area			
		Cell 14			
		Cell 15			
		Cell 16			

FIGURE F-13

MONITORING WELLS INSPECTION FORM (MONTHLY)

(See Figure E-32 for locations of 40 Monitoring Wells - 23 Upper Aquifer wells and 17 Lower Aquifer wells)

POTENTIAL DISCREPANCIES:

- Damage to casings, ballards, or concrete aprons
- Unlocked
- Obstruction
- Drainage

DATE / TIME	INSPECTOR	Well Number	DISCREPANCY	CORRECTIVE ACTION		
				DATE	NAME	ACTION

FIGURE F-14

CONTINGENCY PLAN – RESPONSE EQUIPMENT INSPECTION FORM (MONTHLY)

ALARMS, FIRST AID & FIRE EQUIPMENT:

- First Aid Equipment Missing/Nonfunctional
- Alarm System Functional
- Water Source, Pump Condition
- Foam System (Storage, Container Integrity)
- Fire Extinguisher Missing/Not Full
- Hydrant, pump and pond (Lemley Rd.) condition

PPE & COMMUNICATIONS:

- Suits, Gloves, Boots, Goggles, Hardhats, Face Shields
- Respirator (1/2 face and full face) Integrity
- Two-way Radios Functional
- Offsite Communication Available (Cellular Phone, Battery Powered Radio Phone)

SCBA & AIR LINE RESPIRATORS:

- Mask Condition
- Harness, Belts, Clamps Functional
- Cylinders Functional
- Regulator Functional
- Air Tube Integrity

GENERAL:

- Housekeeping
- Access
- Showers

DATE / TIME	INSPECTOR	ITEM/LOCATION	DISCREPANCY	CORRECTIVE ACTION		
				DATE	NAME	ACTION
*		SCBA				
*		PPE & COMM				
*		FIRST AID				
*		FIRE EQUIPMENT				
*		EYE WASH UNITS				
		ALARMS				

* Inspection times vary on days noted

FIGURE F-15

PAST PRACTICE TRENCH/OBSERVATION WELL INSPECTION FORM (WEEKLY)

LOCATIONS WITH LEACHATE OBSERVATION WELLS

PCB Trench: 1, 2, 3, 4
Chem trench; 1, 1B, 6, 6B

POTENTIAL DISCREPANCIES:

- Liquids in observation well
- Well cover missing
- Area/trench cover inadequate
- Settlement
- Erosion
- Standing Water

ALL OTHER LOCATIONS

Chem Trench: 2, 2B, 2C, 2D, 2E, 3, 4
4B, 5, 5B, 6A, 7, 8, 9

POTENTIAL DISCREPANCIES:

- Area/trench cover inadequate
- Settlement
- Erosion
- Standing Water

DATE / TIME	INSPECTOR	ITEM	LOCATION	DISCREPANCY	CORRECTIVE ACTION		
					DATE	NAME	ACTION
			PCB 1				
			PCB 2				
			PCB 3				
			PCB 4				
			Chem 1				
			Chem 1B				
			Chem 6				
			Chem 6B				
			All other locations				

FIGURE F-16

LANDFILL AREA POST-CLOSURE INSPECTION FORM (CELL 14) (MONTHLY*)

Inspector:_____ _____ Date/Time:_____ / _____
(Printed Name) *(Signature)*

POTENTIAL DISCREPANCIES:

- Erosion from wind or rain
- Settlement and Subsidence
- Animal intrusion
- Vandalism or uncontrolled access
- 1° Leachate Riser Damage/Deterioration
- Run on/Run off systems Damage/ Deterioration, Drainage Blocked
- Anchor Trench Exposed and Drainage Inadequate
- Cracks, Burrowing, Standing Water (ponding), Sideslope Erosion (>4 In.)
- Indications of Vehicle Traffic
- Sparse/Missing Vegetation

ITEM	DISCREPANCY**	CORRECTIVE ACTION		
		DATE	NAME	ACTION

* Inspection required for Rain Events >0.5 in. in a 24 hr. period.
**A copy of Permit Attachment 9, Section I.3.h.(3) will be provided to the inspector to complete the inspections.

FIGURE F-17

LANDFILL AREA POST-CLOSURE INSPECTION FORM (CELL 15) (MONTHLY*)

Inspector:_____ _____ Date/Time:_____ / _____
(Printed Name) *(Signature)*

POTENTIAL DISCREPANCIES:

- Erosion from wind or rain
- Settlement and Subsidence
- Animal intrusion
- Vandalism or uncontrolled access
- 1° Leachate Riser Damage/Deterioration
- Run on/Run off systems Damage/ Deterioration, Drainage Blocked
- Anchor Trench Exposed and Drainage Inadequate
- Cracks, Burrowing, Standing Water (ponding), Sideslope Erosion (>4 In.)
- Indications of Vehicle Traffic
- Sparse/Missing Vegetation

ITEM	DISCREPANCY**	CORRECTIVE ACTION		
		DATE	NAME	ACTION

* Inspection required for Rain Events >0.5 in. in a 24 hr. period.
**A copy of Permit Attachment 9, Section I.3.h.(3) will be provided to the inspector to complete the inspections.

FIGURE F-18

SITE B PAST PRACTICE CARBON UNIT INSPECTION (MONTHLY)

Date / Time	Inspector	Unit	Vent System in Working Order (yes or no)	Discrepancies	Colorimetric Tube Reading	**True Concentration** (Adjusted for Temperature of 59°F - Carbon change required if > 500ppm)	Corrective Measures			Post Change-out Tube Reading
							Date	Name	Action	
		Silo 1								
		Silo 2								
		Silo 3								
		Radar Silo								
		Elevator Shaft								
		Power Dome								

FIGURE F-19

STORAGE PAD 4 INSPECTION FORM (DAILY)

Inspector:_____ Signature:_____ Date:_____ Start Time:_____ Finish Time:_____

Item (See Reverse Side)	Discrepancy (See Reverse Side)	Corrective Action		
		Date	Name	Action
WASTE STAGING*				
CONTAINER STORAGE AREA				
CONTAINERS				
AISLE SPACE				
SECONDARY CONTAINMENT				
SUMPS				
SPILL MATERIALS				

*To be inspected when waste is being staged/loaded/unloaded

FIGURE F-19 (continued)

STORAGE PAD 4 INSPECTION FORM DAILY (continued)

POTENTIAL DISCREPANCIES (BY ITEM):

WASTE STAGING/LOADING/UNLOADING* (*To be inspected when waste is being staged/loaded/unloaded)	CONTAINER STORAGE	
• Access Road Damage/Deterioration/Obstruction • Warning Signs/Missing/Not Legible • Spillage • Aisle Space <24 in. for Staged Containers • Prohibited Areas Utilized • Dust Control Required • Decontamination Area • Housekeeping/Maintenance	**AREA:** • Warning Signs Missing/Not Legible • Blockage of Access • Housekeeping • Spillage • Rain Water Accumulation • Drainage **CONTAINERS:** • Leakage • Spillage • Integrity - Rust -Damage -Bulging • Not Segregated • Improper Labeling • Not Properly Closed • Not Palletized	**AISLE SPACE:** • Blocked • Spillage • Housekeeping • Proper Spacing **SECONDARY CONTAINMENT:** • Spalling • Cracking • Signs of Leaking • Deterioration of Exposed Liner Material • Broken/Cracked Welds **SUMPS:** • Drainage Blocked • Liquids Present • Housekeeping **SPILL MATERIALS:** • Absorbent (None) • Absorbent Condition (i.e., wet, etc.) • Recovery Drums (None) • Drums Missing Parts (Lids, etc.)

FIGURE F-20

STORAGE PAD 5 INSPECTION FORM (DAILY)

Inspector:_____ Signature:_____ Date:_____ Start Time:_____ Finish Time:_____

Item (See Reverse Side)	Discrepancy (See Reverse Side)	Corrective Action		
		Date	Name	Action
WASTE STAGING*				
CONTAINER STORAGE AREA				
CONTAINERS				
AISLE SPACE				
SECONDARY CONTAINMENT				
SUMPS				
SPILL MATERIALS				

*To be inspected when waste is being staged/loaded/unloaded

FIGURE F-20 (continued)

STORAGE PAD 5 INSPECTION FORM DAILY (continued)

POTENTIAL DISCREPANCIES (BY ITEM):

WASTE STAGING/LOADING/UNLOADING*
(*To be inspected when waste is being staged/loaded/unloaded)

- Access Road Damage/Deterioration/Obstruction
- Warning Signs/Missing/Not Legible
- Spillage
- Aisle Space <24 in. for Staged Containers
- Prohibited Areas Utilized
- Dust Control Required
- Decontamination Area
- Housekeeping/Maintenance

CONTAINER STORAGE

AREA:
- Warning Signs Missing/Not Legible
- Blockage of Access
- Housekeeping
- Spillage
- Rain Water Accumulation
- Drainage

CONTAINERS:
- Leakage
- Spillage
- Integrity
  - Rust
  - Damage
  - Bulging
- Not Segregated
- Improper Labeling
- Not Properly Closed
- Not Palletized

AISLE SPACE:
- Blocked
- Spillage
- Housekeeping
- Proper Spacing

SECONDARY CONTAINMENT:
- Spalling
- Cracking
- Signs of Leaking
- Deterioration of Exposed Liner Material
- Broken/Cracked Welds

SUMPS:
- Drainage Blocked
- Liquids Present
- Housekeeping

SPILL MATERIALS:
- Absorbent (None)
- Absorbent Condition (i.e., wet, etc.)
- Recovery Drums (None)
- Drums Missing Parts (Lids, etc.)

FIGURE F-21

RCRA STORAGE PAD 7 INSPECTION FORM (DAILY)

Inspector:_____ Signature:_____ Date:_____ Start Time:_____ Finish Time:_____

Item (See Reverse Side)	Discrepancy (See Reverse Side)	Corrective Action		
		Date	Name	Action
WASTE STAGING*				
CONTAINER STORAGE AREA				
CONTAINERS				
AISLE SPACE				
SECONDARY CONTAINMENT				
SUMPS				
SPILL MATERIALS				

*To be inspected when waste is being staged/loaded/unloaded

FIGURE F-21 (continued)

RCRA STORAGE PAD 7 INSPECTION FORM DAILY (continued)

POTENTIAL DISCREPANCIES (BY ITEM):

WASTE STAGING/LOADING/UNLOADING* (*To be inspected when waste is being staged/loaded/unloaded)	CONTAINER STORAGE	
• Access Road Damage/Deterioration/Obstruction • Warning Signs/Missing/Not Legible • Spillage • Aisle Space <24 in. for Staged Containers • Prohibited Areas Utilized • Dust Control Required • Decontamination Area • Housekeeping/Maintenance	**AREA:** • Warning Signs Missing/Not Legible • Blockage of Access • Housekeeping • Spillage • Rain Water Accumulation • Drainage **CONTAINERS:** • Leakage • Spillage • Integrity - Rust -Damage -Bulging • Not Segregated • Improper Labeling • Not Properly Closed • Not Palletized	**AISLE SPACE:** • Blocked • Spillage • Housekeeping • Proper Spacing **SECONDARY CONTAINMENT:** • Spalling • Cracking • Signs of Leaking • Deterioration of Exposed Liner Material • Broken/Cracked Welds **SUMPS:** • Drainage Blocked • Liquids Present • Housekeeping **SPILL MATERIALS:** • Absorbent (None) • Absorbent Condition (i.e., wet, etc.) • Recovery Drums (None) • Drums Missing Parts (Lids, etc.)

FIGURE F-22

PCB PROCESS INSPECTION FORM (DAILY)

Inspector:_____ Signature:_____ Date:_____ Start Time:_____ Finish Time:_____

Item (See Reverse Side)	Discrepancy (See Reverse Side)	Corrective Action		
		Date	Name	Action
WASTE STAGING*				
CONTAINER STORAGE AREA				
CONTAINERS				
AISLE SPACE				
SECONDARY CONTAINMENT				
SUMPS				
SPILL MATERIALS				

*To be inspected when waste is being staged/loaded/unloaded.

FIGURE F-22 (continued)

PCB PROCESS INSPECTION FORM DAILY (continued)

POTENTIAL DISCREPANCIES (BY ITEM):

WASTE STAGING/LOADING/UNLOADING* (*To be inspected when waste is being staged/loaded/unloaded)	CONTAINER STORAGE	
• Access Road Damage/Deterioration/Obstruction • Warning Signs/Missing/Not Legible • Spillage • Aisle Space <24 in. for Staged Containers • Prohibited Areas Utilized • Dust Control Required • Decontamination Area • Housekeeping/Maintenance	**AREA:** • Warning Signs Missing/Not Legible • Blockage of Access • Housekeeping • Spillage • Rain Water Accumulation • Drainage **CONTAINERS:** • Leakage • Spillage • Integrity - Rust -Damage -Bulging • Not Segregated • Improper Labeling • Not Properly Closed • Not Palletized	**AISLE SPACE:** • Blocked • Spillage • Housekeeping • Proper Spacing **SECONDARY CONTAINMENT:** • Spalling • Cracking • Signs of Leaking • Deterioration of Exposed Liner Material • Broken/Cracked Welds **SUMPS:** • Drainage Blocked • Liquids Present • Housekeeping **SPILL MATERIALS:** • Absorbent (None) • Absorbent Condition (i.e., wet, etc.) • Recovery Drums (None) • Drums Missing Parts (Lids, etc.)