

Attachment 4

RCRA Part B Permit Application

Inspection Schedule and Forms

US Ecology Tulsa, Inc.

EPA ID: OKD000402396



Tulsa, Oklahoma

Permit Application

July 11, 2022

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1. INSPECTION SCHEDULE

<u>AREA/ EQUIPMENT</u>	<u>SPECIFIC ITEM</u>	<u>TYPES OF PROBLEMS EXPECTED</u>	<u>FREQUENCY OF INSPECTIONS</u>
Tanks (External)	1. Tank roof	Malfunction of roofs, seals, loss of fiber	Yearly
	2. Internal supports	Deterioration, depressions	
	3. Tank shell	Discoloration, cracks, buckles, & bulges	
	4. Tank bottom (if accessible)	Pitting, sprung seams, holes, depressions, unevenness of bottom, cracking	

<u>AREA/ EQUIPMENT</u>	<u>SPECIFIC ITEM</u>	<u>TYPES OF PROBLEMS EXPECTED</u>	<u>FREQUENCY OF INSPECTIONS</u>
Safety and Emergency Equipment	1. Shovel, broom	Out of stock	Monthly
	2. Vacuum truck fully operational	Breakdown, vacuum pump worn out, insufficient fuel	
	3. Decontamination facility (shower & dressing room)	Insufficient water pressure, leaks	
	4. Flexible hoses with quick couplings	Cracks, or holes, stuck fittings	
	5. Emergency shower & eyewash	Insufficient water pressure, leaks, drainage	
	6. Face shields & extra protective eyeglasses	Broken or dirty equipment	
	7. Respiratory Protection Equipment available	Spent chemical absorbent, bad seals Chemical cartridge respirators; half and full face types	
	8. Fire extinguishers* *Monthly/after each use	Needs recharging	
	9. Telephone system	Power failure	
	10. Public address system	Power failure, speakers not functional	
	11. Emergency lighting system	Electrical failure, lights not functional	
	12. First aid equipment & supplies adequate	Items out of stock or inoperative	
	13. Steam Cleaner or Power-Wash	Inadequate water/fuel supply	
	14. Protective clothing (full body coveralls, gloves, and foot coverings)	Holes, excessive wear & tear	
	15. Fire hydrant	Leaking	

<u>AREA/ EQUIPMENT</u>	<u>SPECIFIC ITEM</u>	<u>TYPES OF PROBLEMS EXPECTED</u>	<u>FREQUENCY OF INSPECTIONS</u>
Security Devices	1. Facility fence and secondary gates	Corrosion, damage to chain-link fence or barbed wire, poor condition of secondary gates	Weekly
	2. East gate	Corrosion, damage to metal gate construction, bad lock	
	3. South gate	Corrosion, damage to metal gate construction, bad lock	
	4. Warning signs	Not legible, missing	
	5. Concrete flood wall	Cracks and deterioration	
	6. Flood Gate	Obstruction, Excessive corrosion	

<u>AREA/ EQUIPMENT</u>	<u>SPECIFIC ITEM</u>	<u>TYPES OF PROBLEMS EXPECTED</u>	<u>FREQUENCY OF INSPECTIONS</u>
Containers and Container Storage Areas (CMA-1, CMA-2, CMA-3, CTA-2, CTA-3,)	1. Container condition	Corrosion, bulging, cracks, deterioration, discoloration, leaks	Daily
	2. Storage Area	Leaks, spills	
	3. Storage Area Paving	Cracks, deterioration, uneven settlement	
	4. Area Status	Aisle spacing, access, spills, housekeeping	
	5. Container Status	Marking/labeling, leaks, segregation, containers closed, condition	

<u>AREA/ EQUIPMENT</u>	<u>SPECIFIC ITEM</u>	<u>TYPES OF PROBLEMS EXPECTED</u>	<u>FREQUENCY OF INSPECTIONS</u>
Tank Systems; External and Equipment	1. Tank shells, tops, bottoms, manholes	Excessive corrosion, bulging, cracks, deterioration, discoloration, leaks	Daily
	2. Valves, pipes, flanges, fittings, hoses	Excessive corrosion, bulging, cracks, deterioration, discoloration, leaks	
	3. Overfill control valve, manual level indicator	Sticking, damaged handle	
	4. Ladder and catwalk	Unstable structure	
	5. Tank vents	Not functional (i.e., sticking)	
	6. Warning signs	Not legible	
	7. Sump area	Erosion, uneven settlement	
	8. Leak detection system	Valve not operating, presence of liquid	
	9. Storage area	Leaks, spills	
	10. Asphalt paving surrounding TF	Leaks, discoloration	
	11. Truck unloading area	Spills, damaged hoses and quick connects	
	12. Tank shells and protective coatings	Discoloration	



Yearly Compliance Inspection:

Tanks (External)

Inspector's Name: _____ Date: _____ Time: _____

SPECIFIC ITEM	TYPES OF PROBLEMS EXPECTED	CIRCLE ONE		(Comments)
1. Tank roof	Malfunction of roof's, seals, loss of fiber	Yes	No	
2. Internal supports	Deterioration, depressions	Yes	No	
3. Tank shell	Discoloration, cracks, buckles, & bulges	Yes	No	
4. Tank bottom (if accessible)	Pitting, sprung seams, holes, depressions, unevenness of bottom, cracking	Yes	No	

Manager/Supervisor Signature: _____

Date: _____



**Monthly Compliance Inspection:
 Safety and Emergency Equipment**

Inspector's Name: _____ Date: _____ Time: _____

SPECIFIC ITEM	TYPES OF PROBLEMS EXPECTED	CIRCLE ONE		(Comments)
1. Shovel, broom	Out of stock	Yes	No	
2. Vacuum truck fully operational	Breakdown, vacuum pump worn out, insufficient fuel	Yes	No	
3. Decontamination facility (shower & dressing room)	Insufficient water pressure, leaks	Yes	No	
4. Flexible hoses with quick couplings	Cracks, or holes, stuck fittings	Yes	No	
5. Emergency shower & eyewash	Insufficient water pressure, leaks, drainage	Yes	No	
6. Face shields & extra protective eyeglasses	Broken or dirty equipment	Yes	No	
7. Respiratory Protection Equipment available	Spent chemical absorbent, bad seals Chemical cartridge respirators; half and <u>full face</u> types	Yes	No	
8. Fire extinguishers* <small>*Monthly/after each use</small>	Needs recharging	Yes	No	
9. Telephone system	Power failure	Yes	No	
10. Public address system	Power failure, speakers not functional	Yes	No	
11. Emergency lighting system	Electrical failure, lights not functional	Yes	No	
12. First aid equipment & supplies adequate	Items out of stock or inoperative	Yes	No	
13. Steam Cleaner or Power-Wash	Inadequate water/fuel supply	Yes	No	
14. Protective clothing (full body coveralls, gloves, and foot coverings)	Holes, excessive wear & tear	Yes	No	
15. Fire hydrant	Leaking	Yes	No	

Manager/Supervisor Signature: _____ Date: _____



**Weekly Compliance Inspection:
 Security Devices; Operating & Structural Equipment**

Inspector's Name: _____ Date: _____ Time: _____

SPECIFIC ITEM	TYPES OF PROBLEMS EXPECTED	CIRCLE ONE (Comments)	
1. Facility fence and secondary gates	Corrosion, damage to chain-link fence or barbed wire, poor condition of secondary gates	Yes	No
2. East gate	Corrosion, damage to metal gate construction, bad lock	Yes	No
3. South gate	Corrosion, damage to metal gate construction, bad lock	Yes	No
4. Warning signs	Not legible, missing	Yes	No
5. Concrete flood wall	Cracks and deterioration	Yes	No
6. Flood Gate	Obstruction, Excessive corrosion	Yes	No

Manager/Supervisor Signature: _____

Date: _____



**Daily Compliance Inspection:
 Container Management Area**

Inspector's Name: _____ Date: _____ Time: _____

CMA: 3

Scope: View the containers and note any items that may affect the designs and integrity of the containers.
 Review the existing foundation to verify it can provide proper contentment for leaks or spills.
 Calculate storage capacities to ensure compliance.

<u>INSPECTION ITEMS</u>	<u>TYPES OF PROBLEMS EXPECTED</u>	<u>CIRCLE ONE (Comments)</u>	
1. Containers	Dirty, waste outside of the container	Yes	No
	Corrosion	Yes	No
	Leaks/Cracks	Yes	No
2. Containment	Dirty, broken pallets	Yes	No
	Full of water, spills	Yes	No
3. Valves & Piping Integrity	Leaks, damage	Yes	No
4. Containers closed / labeled	Open containers, damaged lids / tarps, missing / damaged labels	Yes	No
5. Storage Capacity Exceeded	Too much waste in the building CMA 3 Capacity – 30,560 gal	Yes	No
6. General Housekeeping	Trash / debris outside of containment	Yes	No
7. Spill kits	Note Stocked, available, accessible	Yes	No

Actions taken to problems found:

Manager/Supervisor Signature: _____ Date: _____



Daily Compliance Inspection:
Container Management Area

Inspector's Name: _____ Date: _____ Time: _____

CMA: 1

Scope: View the containers and note any items that may affect the designs and integrity of the containers.
 Review the existing foundation to verify it can provide proper contentment for leaks or spills.
 Calculate storage capacities to ensure compliance.

INSPECTION ITEMS	TYPES OF PROBLEMS EXPECTED	CIRCLE ONE (Comments)	
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1. Containers	Dirty, waste outside of the container	Yes	No
	Corrosion	Yes	No
	Leaks/Cracks	Yes	No
2. Containment	Dirty, broken pallets	Yes	No
	Full of water, spills	Yes	No
3. Valves & Piping Integrity	Leaks, damage	Yes	No
4. Containers closed / labeled	Open containers, damaged lids / tarps, missing / damaged labels	Yes	No
5. Storage Capacity Exceeded	Too much waste in the building CMA 1 Capacity – 10,560 gal	Yes	No
6. General Housekeeping	Trash / debris outside of containment	Yes	No
7. Spill kits	Not Stocked, available or accessible	Yes	No

Actions taken to problems found:

Manager/Supervisor Signature: _____ Date: _____

RCRA Permit No. 000402396-0P

Revised: December 2019



**Daily Compliance Inspection:
 Container Management Area**

Inspector's Name: _____ Date: _____ Time: _____

CMA: 2

Scope: View the containers and note any items that may affect the designs and integrity of the containers.
 Review the existing foundation to verify it can provide proper contentment for leaks or spills.
 Calculate storage capacities to ensure compliance.

INSPECTION ITEMS	TYPES OF PROBLEMS EXPECTED	CIRCLE ONE (Comments)
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1. Containers	Dirty, waste outside of the container	Yes No
	Corrosion	Yes No
	Leaks/Cracks	Yes No
2. Containment	Dirty, broken pallets	Yes No
	Full of water, spills	Yes No
3. Valves & Piping Integrity	Leaks, damage	Yes No
4. Containers closed / labeled	Open containers, damaged lids / tarps, missing / damaged labels	Yes No
5. Storage Capacity Exceeded	Too much waste in the building CMA 2 Capacity – 4,840 gal	Yes No
6. General Housekeeping	Trash / debris outside of containment	Yes No
7. Spill kits	Not Stocked, available or accessible	Yes No

Actions taken to problems found:

Manager/Supervisor Signature: _____ Date: _____

RCRA Permit No. 000402396-0P

Revised: December 2019



Daily Inspection:
CTA; External and Equipment

Inspector's Name: _____ Date: _____ Time: _____

CTA: 2A

Scope: View the containers and note any items that may affect the designs and integrity of the tanks.
 Review the existing foundation to verify it can provide proper contentment to leaks or spills.

INSPECTION ITEMS	TYPES OF PROBLEMS EXPECTED	CIRCLE ONE (Comments)	
1. Containers	Dirty, waste outside of the container	Yes	No
	Corrosion	Yes	No
	Leaks/Cracks	Yes	No
2. Containment	Dirty, broken pallets, waste in containment	Yes	No
	Full of Water, Spills	Yes	No
3. Containers closed / labeled	Open containers, damaged lids / tarps, missing / damaged labels	Yes	No
4. Storage Capacity Exceeded		Yes	No
5. General Housekeeping	Trash / debris outside of containment	Yes	No

Actions taken to problems found:

Manager/Supervisor Signature: _____ Date: _____

RCRA Permit No. 000402396-OP

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Daily Inspection:
CTA; External and Equipment

Inspector's Name: _____ Date: _____ Time: _____

CTA: 2B

Scope: View the containers and note any items that may affect the designs and integrity of the tanks.
 Review the existing foundation to verify it can provide proper contentment to leaks or spills.

INSPECTION ITEMS	TYPES OF PROBLEMS EXPECTED	CIRCLE ONE (Comments)	
1. Containers	Dirty, waste outside of the container	Yes	No
	Corrosion	Yes	No
	Leaks/Cracks	Yes	No
2. Containment	Dirty, broken pallets, waste in containment	Yes	No
	Full of Water, Spills	Yes	No
3. Containers closed / labeled	Open containers, damaged lids / tarps, missing / damaged labels	Yes	No
4. Storage Capacity Exceeded		Yes	No
5. General Housekeeping	Trash / debris outside of containment	Yes	No

Actions taken to problems found:

Manager/Supervisor Signature: _____ Date: _____

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Daily Compliance Inspection:
Tank Systems; External and Equipment

Inspector's Name: _____ Date: _____ Time: _____

Tank Number: T101 (TF-1)

Scope: View the tanks and note any items that may affect the designs and integrity of the tanks.
 Check tank anchorage to existing founds
 Review the existing foundation to verify it can provide proper support to the tanks
 Inspect the attached piping for breaks, cracks and other possible compromises to piping integrity

INSPECTION ITEMS	TYPES OF PROBLEMS EXPECTED	CIRCLE ONE (Comments)	
1. Tank shells, tops, bottoms, manholes	Excessive corrosion, bulging, cracks, deterioration, discoloration, leaks	Yes	No
2. Valves, pipes, flanges, fittings, hoses	Excessive corrosion, bulging, cracks, deterioration, discoloration, leaks	Yes	No
3. Overfill control valve, manual level indicator	Sticking, damaged handle	Yes	No
4. Ladder and catwalk	Unstable structure	Yes	No
5. Tank vents	Not functional (i.e., sticking)	Yes	No
6. Warning signs	Not legible	Yes	No
7. Sump area	Erosion, uneven settlement	Yes	No
8. Leak detection system	Valve not operating, presence of liquid	Yes	No
9. Storage area	Leaks, spills	Yes	No
10. Asphalt paving surrounding Base	Leaks, discoloration, anchorage	Yes	No
11. Truck unloading area	Spills, damaged hoses and quick connects	Yes	No
12. Tank shells and protective coatings	Discoloration	Yes	No

Actions taken to problems found:

Manager/Supervisor Signature: _____ Date: _____



**Daily Compliance Inspection:
 Tank Systems; External and Equipment**

Inspector's Name: _____ Date: _____ Time: _____

Tank Number: T102 (TF-1)

Scope: View the tanks and note any items that may affect the designs and integrity of the tanks.
 Check tank anchorage to existing founds
 Review the existing foundation to verify it can provide proper support to the tanks
 Inspect the attached piping for breaks, cracks and other possible compromises to piping integrity

INSPECTION ITEMS	TYPES OF PROBLEMS EXPECTED	CIRCLE ONE (Comments)	
1. Tank shells, tops, bottoms, manholes	Excessive corrosion, bulging, cracks, deterioration, discoloration, leaks	Yes	No
2. Valves, pipes, flanges, fittings, hoses	Excessive corrosion, bulging, cracks, deterioration, discoloration, leaks	Yes	No
3. Overfill control valve, manual level indicator	Sticking, damaged handle	Yes	No
4. Ladder and catwalk	Unstable structure	Yes	No
5. Tank vents	Not functional (i.e., sticking)	Yes	No
6. Warning signs	Not legible	Yes	No
7. Sump area	Erosion, uneven settlement	Yes	No
8. Leak detection system	Valve not operating, presence of liquid	Yes	No
9. Storage area	Leaks, spills	Yes	No
10. Asphalt paving surrounding Base	Leaks, discoloration, anchorage	Yes	No
11. Truck unloading area	Spills, damaged hoses and quick connects	Yes	No
12. Tank shells and protective coatings	Discoloration	Yes	No

Actions taken to problems found:

Manager/Supervisor Signature: _____ Date: _____



Daily Compliance Inspection:
Tank Systems; External and Equipment

Inspector's Name: _____ Date: _____ Time: _____

Tank Number: T103 (TF-1)

Scope: View the tanks and note any items that may affect the designs and integrity of the tanks.
 Check tank anchorage to existing founds
 Review the existing foundation to verify it can provide proper support to the tanks
 Inspect the attached piping for breaks, cracks and other possible compromises to piping integrity

INSPECTION ITEMS	TYPES OF PROBLEMS EXPECTED	CIRCLE ONE (Comments)	
1. Tank shells, tops, bottoms, manholes	Excessive corrosion, bulging, cracks, deterioration, discoloration, leaks	Yes	No
2. Valves, pipes, flanges, fittings, hoses	Excessive corrosion, bulging, cracks, deterioration, discoloration, leaks	Yes	No
3. Overfill control valve, manual level indicator	Sticking, damaged handle	Yes	No
4. Ladder and catwalk	Unstable structure	Yes	No
5. Tank vents	Not functional (i.e., sticking)	Yes	No
6. Warning signs	Not legible	Yes	No
7. Sump area	Erosion, uneven settlement	Yes	No
8. Leak detection system	Valve not operating, presence of liquid	Yes	No
9. Storage area	Leaks, spills	Yes	No
10. Asphalt paving surrounding Base	Leaks, discoloration, anchorage	Yes	No
11. Truck unloading area	Spills, damaged hoses and quick connects	Yes	No
12. Tank shells and protective coatings	Discoloration	Yes	No

Actions taken to problems found:

Manager/Supervisor Signature: _____ Date: _____



**Daily Compliance Inspection:
 Tank Systems; External and Equipment**

Inspector's Name: _____ Date: _____ Time: _____

Tank Number: T107 (TF-1)

Scope: View the tanks and note any items that may affect the designs and integrity of the tanks.
 Check tank anchorage to existing founds
 Review the existing foundation to verify it can provide proper support to the tanks
 Inspect the attached piping for breaks, cracks and other possible compromises to piping integrity

INSPECTION ITEMS	TYPES OF PROBLEMS EXPECTED	CIRCLE ONE (Comments)	
1. Tank shells, tops, bottoms, manholes	Excessive corrosion, bulging, cracks, deterioration, discoloration, leaks	Yes	No
2. Valves, pipes, flanges, fittings, hoses	Excessive corrosion, bulging, cracks, deterioration, discoloration, leaks	Yes	No
3. Overfill control valve, manual level indicator	Sticking, damaged handle	Yes	No
4. Ladder and catwalk	Unstable structure	Yes	No
5. Tank vents	Not functional (i.e., sticking)	Yes	No
6. Warning signs	Not legible	Yes	No
7. Sump area	Erosion, uneven settlement	Yes	No
8. Leak detection system	Valve not operating, presence of liquid	Yes	No
9. Storage area	Leaks, spills	Yes	No
10. Asphalt paving surrounding Base	Leaks, discoloration, anchorage	Yes	No
11. Truck unloading area	Spills, damaged hoses and quick connects	Yes	No
12. Tank shells and protective coatings	Discoloration	Yes	No

Actions taken to problems found:

Manager/Supervisor Signature: _____ Date: _____