Construction Stormwater Pollution Prevention Plan
For
Recovered Material Processing Facility

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Lee County Solid Waste Department — 3/07/2025
Name (Operator and/or Responsible Authority) — Date

Project Name and location information:	Recovered Materials Processing Facility – Offsite Water Main and Force Main Fort Myers, Florida 33913

Construction plans have been developed and contain, at a minimum, the following information:

1. Drainage patterns,
2. Approximate slopes after major grading activities,
3. Areas of soil disturbance,
4. Outline all areas that are not to be disturbed,
5. Location of all major structural and non-structural controls,
6. The location of expected stabilization practices,
7. Locations where stormwater may discharge to a surface water or MS4.

Site Description

Describe the nature of the construction activity:	Construction of a water main and force main all an access road. Soil disturbing activities will include clearing, grubbing, erosion and sediment controls; and utility instalation; and associated final sodding and grassing.
Describe the intended sequence of major soil disturbing activities:	1. Install perimeter silt fences with synthetic bale barrier(s) adjacent to sensitive areas. 2. Partial clearing and grubbing. 3. Continue clearing and grading. 4. Excavate, install, and backfill for pipe. 5. Stabilize denuded areas within 7 days of the last construction activity in that area. 6. Complete restoration. 7. When all construction activity is complete and the site is stabilized, remove temporary earth berms, synthetic straw bale barriers, silt fences, inlet filters and turbidity barriers and re-seed any areas disturbed by their removal.
Total area of the site:	55.0 acres
Total area of the site to be disturbed:	2.0 acres
Existing data describing the soil or quality of any stormwater discharge from the site:	Soil Types: Pineda-Pineda Wet Fine Sand Pompano Fine Sand Valkaria Fine Sand Cypress Lake Fine Sand
Estimate the drainage area size for each discharge point:	24.0 acres
Latitude and longitude of each discharge point and identify the receiving water or MS4 for each discharge point:	LAT: 26° 36' 22.0"N LON: 81° 46' 11.0"W Six-Mile Cypress Slough via existing swale

Give a detailed description of all controls, Best Management Practices (BMPs) and measures that will be implemented at the construction site for each activity identified in the intended sequence of major soil disturbing activities section. Provide time frames in which the controls will be implemented. NOTE: All controls shall be consistent with performance standards for erosion and sediment control and stormwater treatment set forth in s. 62-40.432, F.A.C., the applicable Stormwater or Environmental Resource Permitting requirements of the Department or a Water Management District, and the guidelines contained in the *Florida Development Manual: A Guide to Sound Land and Water Management (DEP, 1988)* and any subsequent amendments.

Project will start with the installation of a stabilized construction entrance and soil tracking prevention device. A silt fence shall be installed around the perimeter of the project site. Synthetic Bale Drop Inlet Sediment Filter (or acceptable equivalent) will be placed around all constructed storm drain inlets immediately upon completion of construction and shall remain in-place until the contributing drainage area is stabilized. Alternatively, grate inlets can be covered with filter fabric material until permanent stabilization is completed. During all construction phases, the contractor shall employ turbidity control measures that satisfy the minimum requirements of the FDEP Construction Generic Permit (CGP).

Describe all temporary and permanent stabilization practices. Stabilization practices include temporary seeding, mulching, permanent seeding, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, vegetative preservations, etc.

Temporary Stabilization: Topsoil stockpiles and disturbed portions of the site where construction activity temporarily ceases for at least 7 days will be stabilized no later than 7 days from the last construction activity in that area. The seed shall be Bahia, millet, rye, or other fast-growing grasses. Prior to seeding, fertilizer or agricultural limestone shall be applied to each area to be temporarily stabilized. After seeding, each area shall be mulched with the mulch disked into place.

Permanent Stabilization: Disturbed portions of the site, where construction activities permanently cease, shall be stabilized with sod, seed and mulch, landscaping, and/or other equivalent stabilization measures (e.g., riprap, geotextiles) no later than 7 days after the date of the last construction activity. The sod shall typically be St. Augustine or Bahia sod. Prior to seeding, fertilizer or agricultural limestone shall be applied to each area to be temporarily stabilized.

Describe all structural controls to be implemented to divert stormwater flow from exposed soils and structural practices to store flows, retain sediment on-site or in any other way limit stormwater runoff. These controls include silt fences, earth dikes, diversions, swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, coagulating agents and temporary or permanent sediment basins.

Silt fence shall be installed around the perimeter of the project site. Synthetic Bale Drop Inlet Sediment Filter (or acceptable equivalent) will be placed around all constructed storm drain inlets immediately upon completion of construction and shall remain in-place until the contributing drainage area is stabilized. Alternatively, grate inlets can be covered with filter fabric material until permanent stabilization is completed. Subsurface stormwater conveyance systems will direct all stormwater collected in inlet structures to the offsite lake.

Describe all sediment basins to be implemented for areas that will disturb 10 or more acres at one time. The sediment basins (or an equivalent alternative) should be able to provide 3,600 cubic feet of storage for each acre drained. Temporary sediment basins (or an equivalent alternative) are recommended for drainage areas under 10 acres.

No dewatering activities are anticipated.

Describe all permanent stormwater management controls such as, but not limited to, detention or retention systems or vegetated swales that will be installed during the construction process.

Stormwater runoff generated on site will be collected and conveyed to the proposed wet detention pond before discharging off site.

Describe in detail controls for the following potential pollutants

Waste disposal, this may include construction debris, chemicals, litter, and sanitary wastes:	All waste materials will be collected and stored in a trash dumpster which will meet all local and state solid waste management regulations. All trash and construction debris from the site will be deposited in this dumpster. The dumpster will be emptied as required due to use and/or State and local regulations, with the trash disposed of at the appropriate solid waste management facility. No construction waste materials will be buried onsite. All personnel will be instructed regarding the correct procedure for waste disposal. Notices stating these practices will be posted at the job site.
Offsite vehicle tracking from construction entrances/exits:	A construction entrance will be provided. Paved streets will be swept as needed to remove any excess muck, dirt, or rock tracked from the site. Dump trucks hauling material from the construction site will be covered with a tarpaulin.
The proper application rates of all fertilizers, herbicides and pesticides used at the construction site:	Fertilizers, herbicides and pesticides will be applied only in the minimum amounts recommended by the manufacturer. Once applied, they will be worked into the soil to limit exposure to storm water. Storage will be in a covered shed. The contents of any partially used bags of fertilizers, herbicides and pesticides will be resealed or transferred to a sealable plastic bin to avoid spills.
The storage, application, generation and migration of all toxic substances:	These practices are used to reduce the risks associated with hazardous materials: • Products will be kept in original containers unless they are not resealable. • Original labels and material safety data will be retained; they contain important product information. • If surplus product must be disposed of, manufacturers' or local and State recommended methods for proper disposal will be followed.
Other:	The following good housekeeping practices will be followed onsite during the construction project: • An effort will be made to store only enough products required to complete the job.

	• All materials stored onsite will be stored in a neat, orderly manner in their appropriate containers, and if possible, under a roof or other enclosure. • Products will be kept in their original containers with the original manufacturer's label. • Substances will not be mixed with one another unless recommended by the manufacturer. • Whenever possible, all of a product will be used up before disposing of the container. • Manufacturers' recommendations for proper use and disposal will be followed. • The site superintendent will inspect to ensure proper use and disposal of materials onsite. • All onsite vehicles will be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage. Petroleum products will be stored in tightly sealed containers which will be clearly labeled. Any asphalt substances used onsite will be applied in accordance with the manufacturer's recommendations and standard construction practices. • All paint containers will be tightly sealed and stored when not required for use. Excess paint will not be discharged to the storm sewer system but will be properly disposed of according to manufacturers' instructions and/or state and local regulations.

Provide a detailed description of the maintenance plan for all structural and non-structural controls to assure that they remain in good and effective operating condition.
These are the inspection and maintenance practices that will be used to maintain erosion and sediment controls. • All control measures will be inspected at least once each week and following any storm event of 0.5 inches or greater. • All measures will be maintained in good working order; if a repair is necessary, it shall be corrected as soon as possible, but in no case later than 7 days after the inspection. • Built up sediment will be removed from silt fence when it has reached one-half the height of the fence. • Silt fence will be inspected for depth of sediment, tears, to see if the fabric is securely attached to the fence posts, and to see that the fence posts are firmly in the ground. • Temporary seeding and permanent sodding and planting will be inspected for bare spots, washouts, and healthy growth. • A maintenance inspection report will be made after each inspection. A copy of the report form to be completed by the inspector is attached.

- The Contractor will appoint one individual who will be responsible for inspections, maintenance and repair activities, and for completing the inspection and maintenance reports.
- Personnel selected for inspection and maintenance responsibilities will receive training from the site superintendent. They will be trained in all the inspection and maintenance practices necessary for keeping the erosion and sediment controls used onsite in good working order.

Inspections: Describe the inspection and inspection documentation procedures, as required by Part V.D.4. of the permit. Inspections must occur at least once a week and within 24 hours of the end of a storm event that is 0.50 inches or greater (see attached form).

These are the inspection and maintenance practices that will be used to maintain erosion and sediment controls:

- All control measures will be inspected at least once each week and following any storm event of 0.5 inches or greater.
- All measures will be maintained in good working order; if a repair is necessary, it shall be corrected as soon as possible, but in no case later than 7 days after the inspection.
- Built up sediment will be removed from silt fence when it has reached one-half the height of the fence.
- Silt fence will be inspected for depth of sediment, tears, to see if the fabric is securely attached to the fence posts, and to see that the fence posts are firmly in the ground.
- Temporary seeding and permanent sodding and planting will be inspected for bare spots, washouts, and healthy growth.
- A maintenance inspection report will be made after each inspection. A copy of the report form to be completed by the inspector is attached.
- The Contractor will appoint one individual who will be responsible for inspections, maintenance and repair activities, and for completing the inspection and maintenance reports.

Personnel selected for inspection and maintenance responsibilities will receive training from the site superintendent. They will be trained in all the inspection and maintenance practices necessary for keeping the erosion and sediment controls used onsite in good working order.

Identify and describe all sources of non-stormwater discharges as allowed in Part IV.A.3. of the permit. Flows from firefighting activities do not have to be listed or described.

Dewatering activities will be conducted in accordance with the SFWMD Dewatering Permit obtained for this project.

This SWPPP must clearly identify, for each measure identified within the SWPPP, the contractor(s) or subcontractor(s) that will implement each measure. All contractor(s) and subcontractor(s) identified in the SWPPP must sign the following certification:

"I certify under penalty of law that I understand, and shall comply with, the terms and conditions of the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities and this Stormwater Pollution Prevention Plan prepared thereunder."

Name	**Title**	**Company Name, Address and Phone Number**	**Date**

Stormwater Pollution Prevention Plan Inspection Report Form

Inspections must occur at least once a week and within 24 hours of the end of a storm event that is 0.50 inches or greater.

Project Name: Recovered Material Processing Facility FDEP NPDES Stormwater Identification Number: _____

Location	Rain data	Type of control (see below)	Date installed / modified	Current Condition (see below)	Corrective Action / Other Remarks

Condition Code:

G = Good M = Marginal, needs maintenance or replacement soon P = Poor, needs immediate maintenance or replacement
C = Needs to be cleaned O = Other

Control Type Codes

1. Silt Fence	10. Storm drain inlet protection	19. Reinforced soil retaining system	28. Tree protection
2. Earth dikes	11. Vegetative buffer strip	20. Gabion	29. Detention pond
3. Structural diversion	12. Vegetative preservation area	21. Sediment Basin	30. Retention pond
4. Swale	13. Retention Pond	22. Temporary seed / sod	31. Waste disposal / housekeeping
5. Sediment Trap	14. Construction entrance stabilization	23. Permanent seed / sod	32. Dam
6. Check dam	15. Perimeter ditch	24. Mulch	33. Sand Bag
7. Subsurface drain	16. Curb and gutter	25. Hay Bales	34. Other
8. Pipe slope drain	17. Paved road surface	26. Geotextile	
9. Level spreaders	18. Rock outlet protection	27. Rip-rap	

Inspector Information:

_____ _____ _____

Name Qualification Date

The above signature also shall certify that this facility is in compliance with the Stormwater Pollution Prevention Plan and the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities if there are not any incidents of non-compliance identified above.

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"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

_____ _____

Name (Responsible Authority) Date