



Environmental Planning Specialists, Inc.
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Wesley Chapel, Florida 33543
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www.envplanning.com

August 2, 2010

Mr. F. Thomas Lubozynski, P.E.
Waste Program Administrator
Solid and Hazardous Waste Program
Florida Department of Environmental Protection, Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

RECEIVED
AUG 10 2010
DEP Central Dist.

Re: Certification of Construction Completion
Waste Tire Storage and Processing Area
J.E.D. Solid Waste Management Facility (JED Facility)
Omni Waste of Osceola County, LLC
Permit No. WT49-0199726-014

Dear Mr. Lubozynski:

This certification of construction completion report documents the construction of the waste tire storage and processing (WTS&P) area at the J.E.D. Solid Waste Management (JED) facility, a Class I landfill, located in Osceola County, Florida. Omni Waste of Osceola County, LLC (Omni) contracted Environmental Planning Specialists, Inc. (EPS), Tampa, Florida to document and verify that the WTS&P area was constructed in compliance with minor modification Permit No. WT49-0199726-014 (Permit) issued by the Florida Department of Environmental Protection (FDEP), Central District on June 11, 2010, and in accordance with Chapter 62-701, Solid Waste Management Facilities, Florida Administrative Code (FAC).

Specific condition No. 84 of the Permit requires that the WTS&P area meet the certification requirements of Rule 62-701.320(9)(b), FAC, after completion of construction and prior to the operation of the WTS&P area. This certification report was prepared by Mr. Kirk Wills and was reviewed by Thomas Sweat, P.E., both with EPS.

The WTS&P area is an approximate 1.5 acre area located within the footprint of future Cell 13, adjacent to the landfill haul road and the Phase 3 storm water berm as shown on permit drawing Sheet 1, Site Plan for Waste Tire Storage and Processing Operations, HDR Engineering, Inc., March 17, 2010. A copy of Sheet 1 has been included in Attachment A. Construction of the WTS&P area commenced on June 21, 2010 and was substantially complete on July 27, 2010. ERC Contracting Services, Inc, Winter Garden, Florida was contracted by Omni to construct the WTS&P area. Mr. Jerry Pinder served as the project manager and site superintendent for ERC.

At the commencement of construction, ERC excavated dewatering ditches along the eastern and southern sides of the WTS&P area in order to dewater the area for stripping and fill placement. A 6-inch dewatering pump operated for an approximate one week period prior to initiation of the earthwork activities. ERC utilized a J. Deere 650 dozer to remove the upper, approximate 12 inches of vegetation, mulch material, and top soil. These strippings were pushed to the southern limit of the WTS&P area where the material was loaded onto trucks and hauled to the active workforce of the landfill for use as daily cover. Fill obtained from the Bronson Borrow area located to the west of the JED facility property was used to construct the WTS&P area. Fill from this borrow area has been used for construction of the majority of the disposal cells and other ancillary construction at the JED facility. The fill consists primarily of a brown, silty sand. Volvo 25-ton articulated off-road trucks were utilized to haul the fill from the borrow area to the WTS&P area. Fill was placed and spread with the J. Deere 650 dozer equipped with a global positioning satellite (GPS) system. The GPS equipment assists the operator in controlling lift thicknesses and to accurately grade the fill to the final elevations. The fill was placed in loose lift thicknesses of approximately 12 inches with the J. Deere 650 dozer and compacted with a minimum of three passes with a smooth drum vibratory roller. A total of approximately 4-5 feet of fill was placed to raise the WTS&P area to the required grades. The WTS&P area was graded with an approximate one percent slope from north to south and west to east as shown on Sheet 1, to direct surface water run-off to the southeast corner of the WTS&P area. Along the eastern and southern sides of the WTS&P, an approximate three foot high berm was constructed to control storm water run-off. To minimize erosion, the storm water berm was sodded. At the low point of the WTS&P area in the southeast corner, an 18-inch HDPE corrugated drainage pipe was installed to allow accumulated surface water to drain out. The invert of the drainage pipe was set to match the surface elevation of WTS&P area. A concrete headwall was cast in place on the inlet side of the drain pipe and a riprap apron was placed at the discharge end of the pipe to protect the outer slope from erosion.

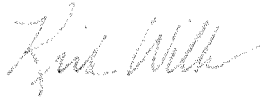
A six inch thick layer of recycled concrete aggregate (RCA) road base material was placed, spread, graded and compacted over the WTS&P area. The final elevation of the WTS&P area matched the grade of the paved landfill haul road and the adjoining section of the Phase 3 storm water berm. To keep the landfill haul trucks from parking on the WTS&P area, concrete jersey barriers were set along the western limit of the WTS&P area. To complete construction, a 40-cubic yard roll-off container was staged in the northeast corner of the pad for storage of residuals and fire fighting equipment staged in accordance with the Operation Plan and Waste Tire Storage and Processing Plan.

Photographs of the WTS&P area prior to and after completion of construction have been included in Attachment B. A signed and sealed completed copy of FDEP Form 62-701.900(2) has been included in Attachment C.

*Certification of Construction Completion
Waste Tire Storage and Processing Area
J.E.D. Solid Waste Management Facility
August 2, 2010
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This certification of construction completion is provided in accordance with the requirements of the Permit and FAC. Should you have any questions regarding the information presented in this report, please contact Mr. Kirk Wills at (813) 388-1026.

Sincerely,



Kirk Wills
Senior Engineer



Thomas P. Sweat, P.E.
Associate
Florida P.E. #58501

Attachments

Copy: Mike Kaiser, WSI

Attachment A

Permit Drawing – Sheet No. 1
Site Plan for Waste Tire Storage and Processing Area

Attachment B

Photographs of Waste Tire Storage and Processing Area

PHOTOGRAPHIC LOG



Client: Omni Waste of Osceola County, LLC

Project Name: Waste Tire Storage and Processing Area

Project Location: J.E.D. Solid Waste Management Facility, Osceola County, Florida

Photograph No. 1

Date: June 23, 2010

Direction: North

Comments: Waste tire storage and processing area footprint prior to construction.



Photograph No. 2

Date: June 23, 2010

Direction: East

Comments: Dewatering ditch excavated on south side of the proposed waste tire storage and processing area.



PHOTOGRAPHIC LOG



Client: Omni Waste of Osceola County, LLC

Project Name: Landfill Gas Migration Investigation

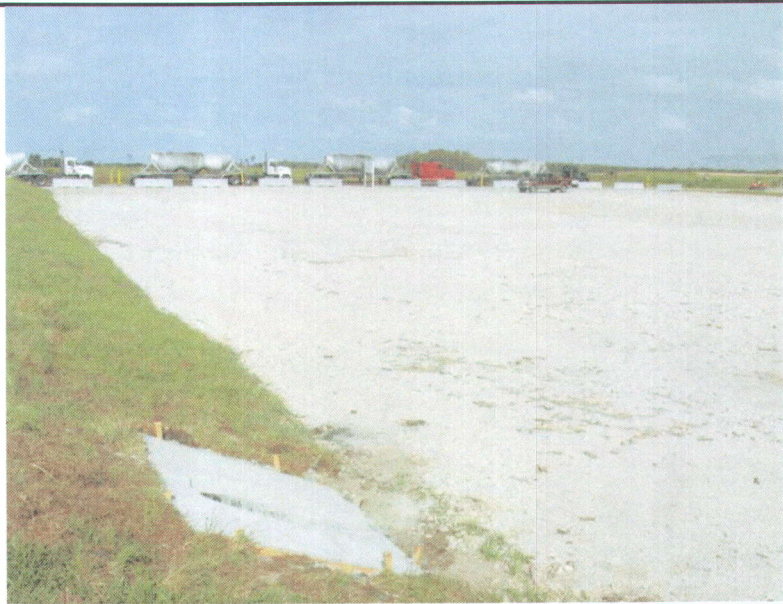
Project Location: J.E.D. Solid Waste Management Facility, Osceola County, Florida

Photograph No. 3

Date: July 28, 2010

Direction: West

Comments: View of the waste tire storage and processing area as viewed from the southeast corner.



Photograph No. 4

Date: July 28, 2010

Direction: Northwest

Comments: View of the waste tire storage and processing area as viewed from the southeast corner.



PHOTOGRAPHIC LOG



Client: Omni Waste of Osceola County, LLC

Project Name: Landfill Gas Migration Investigation

Project Location: J.E.D. Solid Waste Management Facility, Osceola County, Florida

Photograph No. 5

Date: July 28, 2010

Direction: South

Comments: Storm water drain pipe located at the low point of the waste tire storage and processing area.



Photograph No. 6

Date: July 28, 2010

Direction: West

Comments: View of drain pipe and riprap erosion protection apron on the south side of the waste tire storage and processing area.



PHOTOGRAPHIC LOG



Client: Omni Waste of Osceola County, LLC

Project Name: Landfill Gas Migration Investigation

Project Location: J.E.D. Solid Waste Management Facility, Osceola County, Florida

Photograph No. 7

Date: July 28, 2010

Direction: North

Comments: View of 3-ft high sodded berm located on the eastern side of the waste tire storage and processing area.



Photograph No. 8

Date: July 28, 2010

Direction: South

Comments: View of western side of the waste tire storage and processing area adjacent to the landfill haul road.



Attachment C

FDEP Form 62-701.900(2)



Florida Department of Environmental Protection
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

DEP Form # 62-701.900(2)
Form Title Certification of Construction Completion
Effective Date May 19, 1994

DEP Application No. _____
(Filled by DEP)

Certification of Construction Completion of a Solid Waste Management Facility

DEP Construction Permit No: WT49-0199726-014 County: Osceola

Name of Project: Waste Tire Processing Facility

Name of Owner: Omni Waste of Osceola County, LLC

Name of Engineer: Environmental Planning Specialists, Inc.

Type of Project: Construction of waste tire storage and processing facility.

Cost: Estimate \$ 75,000 Actual \$ 75,000

Site Design: Quantity: 313 (max storage) ton/day Site Acreage: Approximately 1.5 Acres

Deviations from Plans and Application Approved by DEP: No deviations

Address and Telephone No. of Site: 1501 Omni Way, Saint Cloud, Florida (407) 891-3720

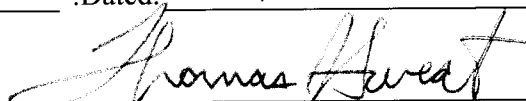
Name(s) of Site Supervisor: Matt Orr, Landfill Manager

Date Site inspection is requested: As soon as possible

This is to certify that, with the exception of any deviation noted above, the construction of the project has been completed in substantial accordance with the plans authorized by Construction

Permit No. WT49-0199726-014 :Dated: June 11, 2010

Date: 08/03/2010


Signature of Professional Engineer

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