NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Inactive Hazardous Waste Site Operations and Maintenance Review Report

Form Date 96.10.01

Site Name: Nassau County Fire Training Center Class: 2 Number: 130442

O&M Funding Source: ☐ State Superfund ☐ Federal Superfund ✘ Municipal ☐ Responsible Party

0 8 M Information: **O&M** Start: 03/99 End: Annual Cost: $ ■ Estimated

Interim Remedial **Measures/Operable** Units in **O&M** Phase:

☐ Drum Removal	☐ Soil Removal	☐ Tank Removal
☐ **Cap/Cover**	☐ Containment Structure	☐ **Fence/Security**
✘ Groundwater Recoverynreatment	☐ **Leachate Collection/Treatment**	☐ Vapor **Extraction/Treatment**
☐ Air **Sparging/Stripper** System	☐ **Treatment/Filtration Plant/System**	O Potable Water **Supply/System**
☐ Other:		

Institutional Controls: ☐ Deed Restriction ☐ Discharge Permit ☐ Department of Health Sampling
☐ Other:

O&M Review Information:

Reports: Monthly Reports from Peter Witkowski, Director of Hazardous Waste Services of Nassau County DPW

Inspection:

Sampling:

Other:

Conclusions:

Remedy Effective? ✘ Yes ☐ No: The process efficiency is excellent on VOCs, but the flow rate is restricted until the recharge basin or another alternative be found to handle a higher flow rate.

ROD Compliance? ☐ Yes ☐ No:

Consent Order Compliance? ☐ Yes ☐ No:

Other:

Recommendations:

This facility has been highly effective in removing VOCs from the groundwater. Below Detection Limits are the norm for effluent concentrations of a variety of VOCs. An occasional high iron or manganese concentration is reported, however, those parameters are normally well within effluent discharge criteria limits. The oniy problem that is evident with this facilit] has been the ability to recharge processed water. The sole recharge basin is the critical path to plant operation, and requires the operators to throttle back the plant to the recharge basin capacity. Exploratory borings have not been promising for the siting of another recharge basin, soil characteristics are not sufficiently permeable. However, a promising solution is the use of the effluent from this plant to irrigate the adjacent Old Bethpage State Park golf course. The Golf Course claims to be able to use the entire plant flow during summer months and that would be a mutually beneficial arrangement.

ROD/Consent Order Modifications? ☐ No ☐ Yes **(per above)** Reclassify the **Site?** ✘ No ☐ Yes → Class:

Comments:

This plant has a 2.6 MGD flow capacity and the most recent monthly reports indicates flow averages between 0.9 to 1.0 MGD. This flow rate is expected to 'hold" the contaminate plume until a solution to the current recharge basin hydraulic limitations is found. The treatment process appears to work well, and if an arrangement between the Golf Course and Nassau County can be made, a substantial increase in flow can be attained with a minimal cost.

NEXT ANNUAL REVIEW: 0312002

Project Manager:			**Reviewer:**		
Carl Hoffman	March 23, 2001		Thomas A Reamon	3/26/01	
Signature	Date		Signature	Date	
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