

STATE OF DELAWARE
CONSERVATION TECHNICIAN I, II, III, IV & V
DNREC – Division of Watershed Stewardship

PHYSICAL REQUIREMENTS

Job Title: Conservation Technicians I, II, III, IV, V
Department: DNREC (Department of Natural Resources and Environmental Control)
Division: Division of Watershed Stewardship
Class Codes: MGCA01, MGCA02, MGCA03, MGCA04, MGCA05
BP #s: 8218, 8220, 8223, 8226, 8230, 8231, 52821, 61653, 61680, 61921, 61922

JOB DESCRIPTION: The Conservation Tech series for the Division of Watershed Stewardship describes technical work applying natural resources preservation, conservation and managerial principles and practices, policies and procedures to support the various initiatives and practices involved in preserving, protecting, improving and maintaining these resources for safe public use and enjoyment. The focus of conservation technician services is to assist management and administrative staff in the implementation of natural resources management initiatives and programs. Work involves making evaluations and assessments in areas such as horticulture, environmental conditions, open water management in carrying out a variety of activities such as construction/building trades, landscaping, equipment operation, maintenance and repair, and public relations for State owned and/or maintained grounds and facilities, shorelines, beaches and waterways.

JOB SPECIFIC REQUIREMENTS: Must be able to follow directions and safely operate various power equipment and heavy machinery in all weather conditions including, but not limited to, cranes, front-end loaders, bulldozers, water and land based dredges, power boats, pumps and other equipment.

JOB CLASSIFICATION: This job is classified as “heavy” as it requires exerting 50 - 75 pounds of force frequently to perform the various conservation functions such as land or water based dredging, fencing installation and heavy equipment operation and maintenance.

PHYSICAL JOB REQUIREMENTS:

To receive consideration for this position all Conservation Technicians for DNREC’s Division of Watershed Stewardship must be able to perform the following essential physical job functions daily:

- The physical ability to stand and or walk continuously.
- The physical ability to drive both heavy and light equipment and vehicles for up to 8 hours per day.

- The physical ability to balance, bend/stoop, push/pull and squat continuously.
- The physical ability to frequently climb on a ladder or physical barrier such as a sand dune to heights in excess of 10’.
- The physical ability to frequently kneel, crouch and crawl in order to operate and maintain land and water based dredging equipment and maintain the coastline.
- The physical ability to use both hands for continuous grasping, fine manipulation and fingering (for example: pipeline assembly and relocation, engine and mechanical repair and maintenance, cell phone usage, etc.).
- The physical ability to frequently carry in excess of 50 pounds of weight for distances of up to 1050 feet in various weather conditions and across various surfaces.
- The physical ability to continuously lift in excess of 50 pounds of weight between the floor and waist, occasionally from the waist to the shoulder level and rarely above the shoulder. This weight will be constituted by the following items, but not limited to them: anchors, cabling, pipeline, fencing, equipment, tools, bags of chemicals, fertilizer, seeds, etc.
- The physical ability to continuously pull various items, such as anchors, fencing, cabling, pipeline, equipment, tools, supplies and bags of chemicals weighing between 50 and 75 pounds distances of between 3’ and 60’ and rarely between 60’ and 300’.
- The physical ability to rarely push various items, such as anchors, fencing, cabling, pipeline, equipment, tools, supplies and bags of chemicals weighing between 50 and 75 pounds distances of between 3’ and 60’.
- The physical ability to frequently operate different types of equipment including, but not limited to, land and water based dredging equipment, backhoes, front end loaders, tractors, mowers, weed whackers, cars and trucks, etc.
- The physical ability to work at heights and on uneven surfaces continuously.
- The physical ability to tolerate required personal protective equipment such as hard hats, safety glasses, ear protection, safety belts and safety shoes on a continuous basis.

CERTIFICATION

I hereby certify that I have read and understand the above physical requirements of the Conservation Technician for the Division of Watershed Stewardship for DNREC. I have also been given the opportunity to ask any questions I may have regarding the physical demands required of this position. I further understand that if I am offered this position, I will be required to take a functional capabilities evaluation (FCE) to determine if I can safely perform the required tasks without risk to myself or others.

PRINTED NAME _____

SIGNATURE _____ DATE: _____

11/06/07 Revised
04/29/16 Revised