# User & Group Privileges

Permission Notes:

* All controllers will have read, write, update, delete permissions
* Individual Plants will have their own permissions
* Plus, other application-level permissions
  + Administrative Control Panel
  + Primary Navigation
  + Secondary Navigation

Roles Notes:

* A lower role does not have access to higher role.
* All users are assigned to groups. No users should be assigned to a role directly.

Roles: Describes a human privilege

* Super User: Godly Powers
  + There can only be one and it must be the first user registered
  + Automatically has all permissions.
  + Enterprise level access
* Administrator: Should have all access
  + Enterprise level access
* Application Support: Should have all access
  + Enterprise level access
  + Exclude access to Role and Group management
  + Has the power to assign “User” Roles and “User” Groups to user
* Executive: Commissioner, Deputy Commissioner, Assistant Commissioner, Executive Director
  + Enterprise level access
  + Has access to all reports
* Manager: Director, Facility Manager, Plant Chief, Division Chief, Chief, Project Manager
  + Plant level access
  + Has access to all Plant reports
  + Has CRUD access to all Plant pages
* Supervisor: Senior Section Stationary Engineer Electrical (SSEE), Senior Sewage Treatment Worker (SSTW)
  + Plant level access
  + Has access to some Plant reports
  + Has CRUD access to some Plant pages
* Professional: Stationary Engineer Electrical (SEE), Stationary Engineer (SE), Sewage Treatment Worker (STW), Dispatchers
  + Plant level access
  + Has CRUD access to some Plant pages
* Administrative: Drivers, Administrative Staff, Interns
  + Has limited CRUD access to some Plant pages
* Contractor:
  + Plant level access
  + Can login with limited access. TBD

Groups Notes

* All role names from above but using the plural version.
* All users will be added to groups only. There should not be a reason to add a user to a role.
* Define more roles and groups as needed.
* All Executive & Managerial type roles will only have access to reporting
* Contractors Group: This is a restricted user group with limited access. A contractor can be any of the above non-managerial roles with those privileges (to be redefined).
* Specific Plant Group: Will restrict user access to particular plant.

Groups: Describes a human or place privilege

* Administrators
* Application Supports
* Executives
* Managers:
* Supervisors:
* Dispatchers:
* Drivers: This is a restricted group with limited access. May just be used for the purpose of tracking their location via mobile device.
* Data Entry: This is a restricted group with limited access to adding new entries to a specific area. TBA
* Contractors: This is a restricted user with limited access. TBA
* Wards Island: Will be able to access this plant.
* North River: Will be able to access this plant.
* Hunts Points: Will be able to access this plant.
* Newtown Creek: Will be able to access this plant.
* 26th Ward: Will be able to access this plant.
* Coney Island: Will be able to access this plant.
* Red Hook: Will be able to access this plant.
* Owls Head: Will be able to access this plant.
* Tallman Island: Will be able to access this plant.
* Jamaica: Will be able to access this plant.
* Bowery Bay: Will be able to access this plant.
* Rockaway: Will be able to access this plant.
* Port Richmond: Will be able to access this plant.
* Oakwood Beach: Will be able to access this plant.